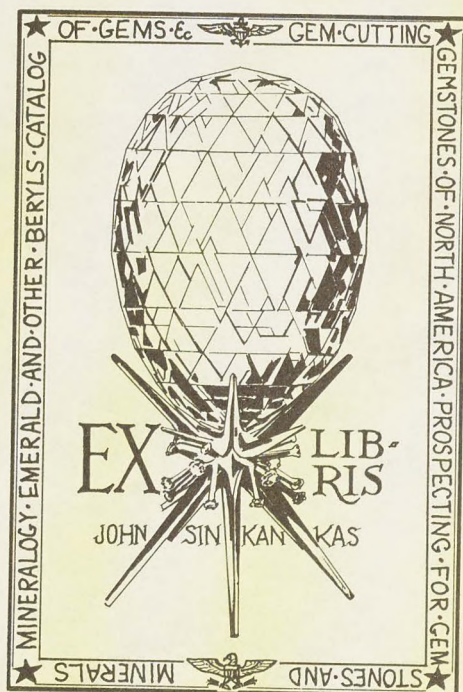
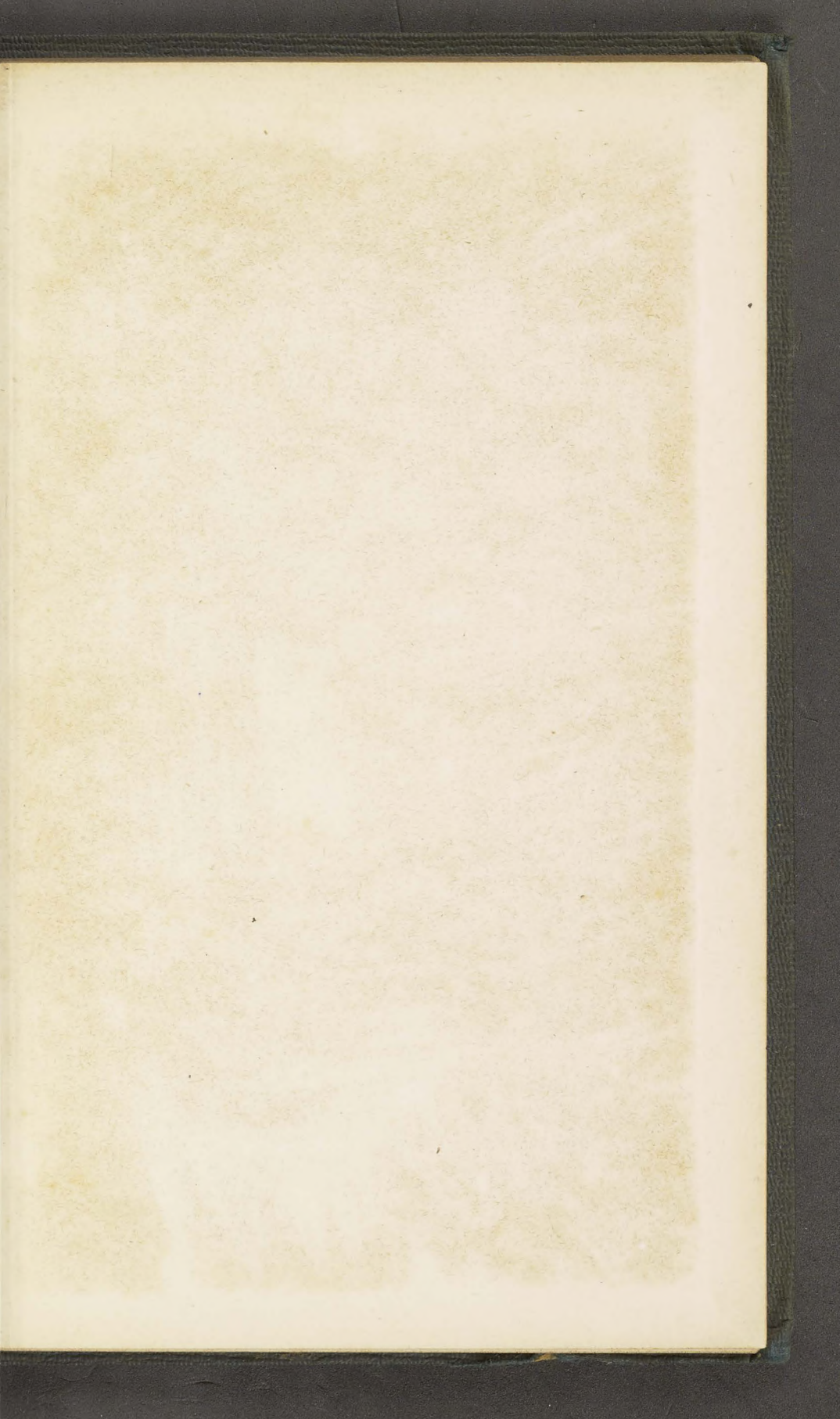


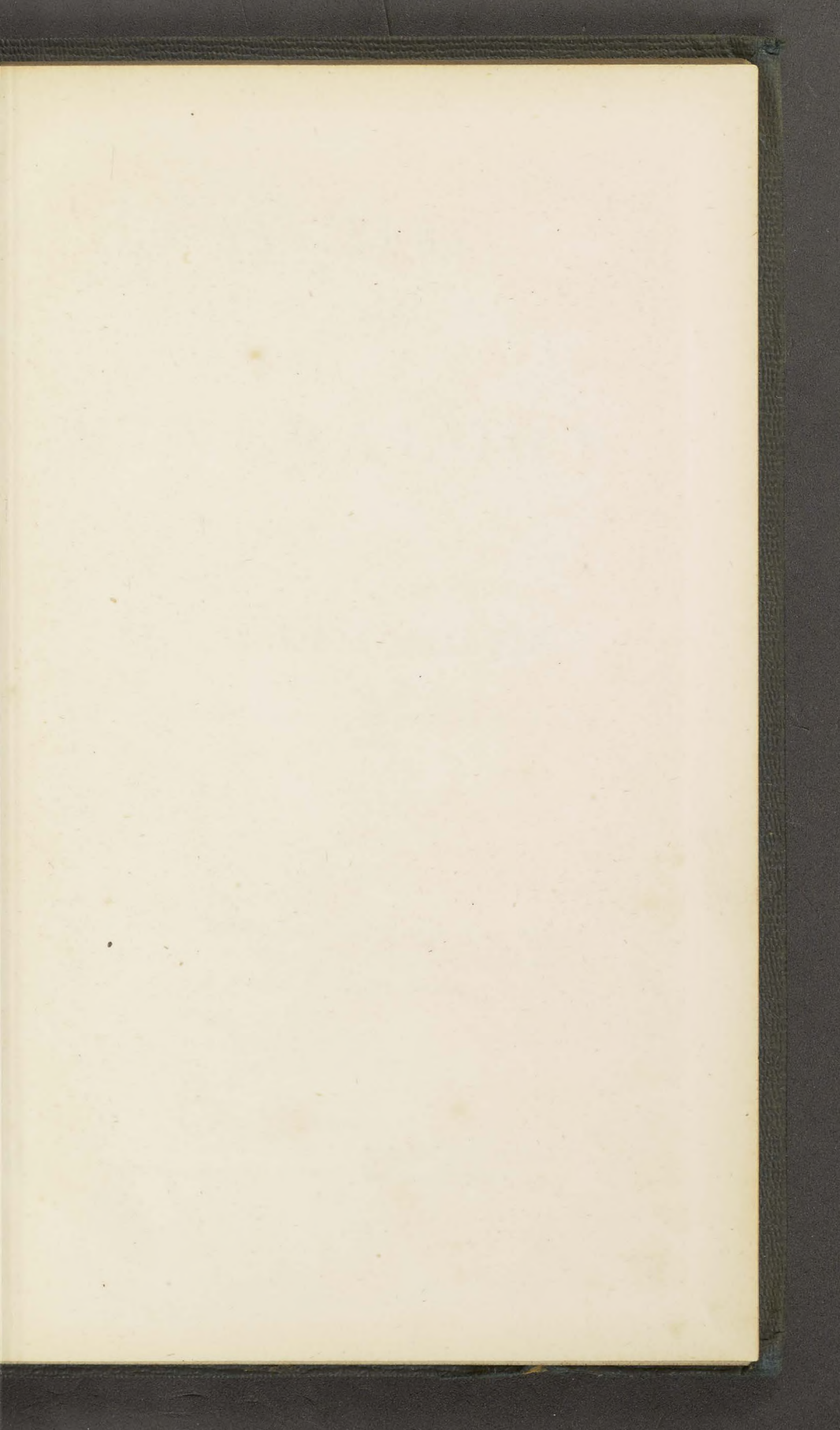
READWIN'S
INDEX TO MINERALOGY.

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AN INDEX TO MINERALOGY.

BY T. ALLISON READWIN,

F.G.S., F.S.S., &c.

AUTHOR OF OUTLINES OF GEOLOGY; AN ANALYTICAL CHART OF THE
MIND, &c.

*This Index is an Alphabetical List of about 2500 Minerals,
with concise references to their Composition, Synonymes,
and Place in the British Museum.*

LONDON:

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PREFACE.

It is no easy task, even scrutinized, unscrutinized, and after very questionable
data, to make a list of Minerals, even approximately correct.

This list, carefully prepared, and fully revised, and as far as it
is possible, extended, and as the most perfect, the preparation is
based on the present state, in the hope that it may be useful
to Mineralogical Students and Collectors, and may elicit corrections at
the hands of Chemists and others, so that, ultimately, a list of Minerals
may be produced really describing the same.

T. A. R.

London, May 18th, 1867.

PREFACE.

It is no easy task, from scattered, uncertain, and often very questionable data, to make a List of Minerals, even approximately correct,

This List, obviously imperfect, and little more than an Index to a more extended work on the same subject, (in preparation,) is published in its present form, in the hope that it may be useful to Mineralogical Students and Collectors, and may elicit correction at the hands of Chemists and others, so that, ultimately, a List of Minerals may be produced really deserving the name.

T. A. R.

London, May 18th, 1867.

PREFACE

It is a pleasure to have this book published. The author has been very fortunate in having the assistance of many friends and colleagues in the preparation of this work. The book is intended for the use of students and teachers of the subject. It is hoped that it will be found useful and interesting.

T. A. J.



THE ELEMENTARY SERIES

THE ELEMENTARY SERIES

1. The first part of the series is devoted to the study of the elementary functions of the calculus. It includes the theory of the differential and integral calculus, and the theory of the functions of a complex variable. The second part of the series is devoted to the study of the elementary functions of the calculus. It includes the theory of the differential and integral calculus, and the theory of the functions of a complex variable. The third part of the series is devoted to the study of the elementary functions of the calculus. It includes the theory of the differential and integral calculus, and the theory of the functions of a complex variable.

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REFERENCES

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SYMBOLS AND ABBREVIATIONS USED IN THE INDEX.

LIST

THE ELEMENTARY BODIES,

with their Chemical Symbols alphabetically arranged.

Ag. (<i>Argentum</i>)...Silver	Na. (<i>Natrium</i>) ...Sodium
Al.Aluminium	Nb.Niobium
As.Arsenic	Ni.Nickel
Au. (<i>Aurum</i>)....Gold	O.Oxygen
B.Boron	Os.Osmium
Ba.Barium	P.Phosphorus
Be. or Gl. (<i>Beryllium</i>) Glucinum	Pb. (<i>Plumbum</i>) ...Lead
Bi.Bismuth	Pd.Palladium
Br.Bromine	Pt.Platinum
C.Carbon	R. Rd. or Rh.Rhodium
Ca.Calcium	Rb.Rubidium
Cd.Cadmium	Ru.Ruthenium
Ce.Cerium	S.Sulphur
Cl.Chlorine	Sb. (<i>Stibium</i>)Antimony
Co.Cobalt	Se.Selenium
Cr.Chromium	Si.Silicium, or Silicon
Cs.Cæsium	Sn. (<i>Stannum</i>) ...Tin
Cu. (<i>Cuprum</i>)....Copper	Sr.Strontium
D.Didymium	Ta. or Cb.Tantalum or Columbium
Er.Erbium	Tb.Terbium
F.Fluorine	Tc.Tellurium
Fe. (<i>Ferrum</i>)Iron	Th.Thorium
H.Hydrogen	Ti.Titanium
Hg. (<i>Hydrargyrum</i>) Mercury	Tl.Thallium
I.Iodine	U.Uranium
In.Indium	V.Vanadium
Ir.Iridium	W. (<i>Wolframium</i>) Tungsten, or Wolfram
K. (<i>Kalium</i>).....Potassium	Y.Yttrium
La. or Ln.Lanthanum	Zn.Zinc
Li.Lithium	Zr.Zirconium
Mg.Magnesium	
Mn.Manganese	Note,—Donarium D. }
Mo.Molybdenum	Ilmenium Il. }
N.Nitrogen	Norium No. }
	Pelopium Pe. }
	Existence
	Doubtful.

ABBREVIATIONS.

B.M. British Museum: hyd. hydrous: carb. carbonate. sil. silicate.
syn. synonyme.

EXPLANATIONS.

The names within *brackets* indicate the mineral species, of which the preceeding name is a variety : for example, Acadialite (Chabasite) shows Acadialite to be a variety of Chabasite.

The numbers refer to the Table-cases in the British Museum where the minerals referred to are exhibited.

EXPLANATIONS

The names of the persons who have been named in the preceding pages are given in the following list, and the names of the persons who have been named in the preceding pages are given in the following list.

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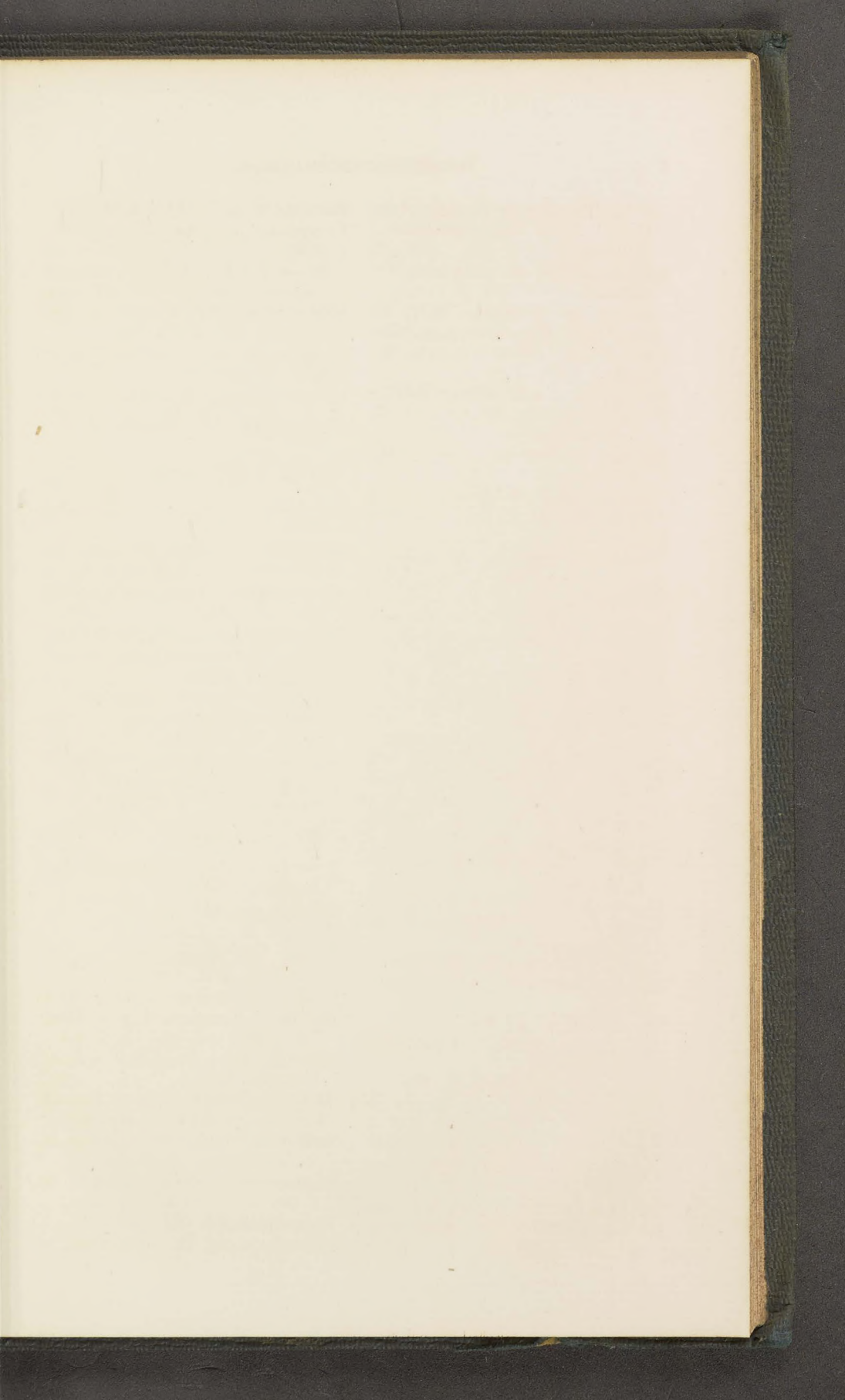
INDEX TO MINERALOGY.

- Acadialite or, Acadiolite (Chabasite), Al., Ca., Na. & K. hyd. sil. B.M. 48
- Acanthoide (Breislakite), Mg. & Ca. Sil.
- Achmite, or Acmite, Fe. & Na. sil. B.M. 37
- Achroite (Tourmaline), Al. & c. sil. 50
- Achтаргdite (Idocrase), Ca. & Al. sil. B.M. 42
- Achтарandit (Helvine), Al. & c. sil. 50
- Acicular Boulangerite (Boulangerite), Pb. & Sb. sulphide
- Acid Carbonic, C. oxide
- Acid Chlorhydric, Hydrochloric, or Muriatic, Cl. hydrate
- Acid Sulphuric, S. teroxide.
- Acid Sulphurous, S. binoxide.
- Acidulo-alkaline-carbonate water. (Water), H. oxide, carbonic acid, & c. (e. g. the Seltzers, & c.)
- Acidulous - carbonated - chalybeate (Mineral water), H. oxide with Fe. protocarbonate. ? bicarbonate, (as at Illkstone.)
- Acnite ? (Melaphyre-Pyroxene), Mg. & c. sil. Fe. and Na. sil.
- Acrusite, Pb. carb.
- Actinolite (Hornblende), Mg. Ca. & c. sil. B.M. 37 (species)
- Adamantine Spar (Sapphire-Corundum), Al. oxide.
- Adamine, or Adamite, Zn, hyd. arsenate.
- Adamsite (? Mica), B.M. 44
- Adelpholite, Fe. hyd. tantalate
- Adhesive Slate (Clay), Al. hyd. sil.
- Adinole (Orthoclase), Al. sil. & K. 45
- Adularia (Orthoclase), Al. sil. & K. 45
- Ægyrine, or Ægirine, Fe. Na. Mg. Ca. Al. Mn. K. sil. with Titanic Acid, B.M. 37 ? variety of Pyroxene.
- Ærolite (Meteorite), Fe. & c.
- Æschynite, Ce. Fe. & c. titanoniobate. B.M. 52
- Agalmatolite, or Pagodite (Clay), Al. K. & c. hyd. sil. B.M. 52 (species)
- Agaric Mineral, or Stone, (Calcite), Ca. carb. B.M. 38 (var. Asbestos)
- Agate (Quartz), Si. oxide. B.M. 25
- Agate-Jasper (Quartz), Si. oxide. B.M. 23
- Agnesite or Bismutite, Bi. hyd. carb. B.M. 34 ? anhydrous.
- Aikinite, Aikenite, Aciculite, or Needle-Ore, Bi. Pb. & Cu. sulphide. B.M. 11
- Akanthite, Ag. sulphide. B.M. 7
- Akanticon, or Akanthite, (Epidote), Al. & c. sil. B.M. 43.
- Akontite (? Leucopyrite), Fe. arsenide.
- Alabaster (Selenite-Gypsum), Ca. hyd. sulphate. B.M. 55
- Alabaster Marble (Calcite), Ca. carb.
- Alalite (Diopside-Pyroxene), Mg. & c. sil. B.M. 36 (syn. Diopside)
- Albertite or Melanasphalt (Cannel-Coal), C. oxy-hydride
- Albine (Apophyllite), Ca. & K. hyd. sil. B.M. 39
- Albite, or Cleavelandite, Al. K. & Na. sil. B.M. 45
- Alexandrite (Chrysoberyl), Be. aluminate with Fe. protoxide. 16
- Algadonite, or Algodonite, Cu. arsenide. ? Enargite
- Algerite (Scapolite), Al. sil. & K. 43
- Alisonite, Cu. and Pb. sulphide
- Alizite (Pimelite), Al. Mg. & c. sil. B.M. 40. (var. Serpentine.)
- Alkaline-water (Water), H. oxide and Na. carb. & c.
- Allagite (Rhodonite), Mn. sil. B.M. 38
- Allanite, or Cerine, Ce. Al. Fe. Ca. & c. sil. B.M. 43. (var. Orthite)

- Allemonite, Sb. arsenide. B.M. 3
 Allochroite (Garnet), Al. Fe. &c. sil. B.M. 42
 Allomorphite, (Barytes), Ba. sulphate. B.M. 55
 Allophane, or Riemannite, Al. Fe. or Cu. &c. hyd. sil. B.M. 46
 Alluaudite, Fe. Mn. hyd. phosphate B.M. 57
 Alm (Arragonite), Ca. Carb. &c.
 Almagrerite, Zn. sulphate
 Almandine (Garnet), Al. & Fe. sil. B.M. 42
 Alstonite, or Bromlite, Ba. and Ca. carb. B.M. 28
 Altaite, Pb. telluride
 Alum, Native, K. & Al. hyd. sulphate. 56
 Alum-earth, Al. &c. sil.
 Alum-shale (Clay-slate), Al. &c. sil.
 Alum-slate, Al. hyd. sil.
 Alumian, Al. sulphate. B.M. 54
 Alumina, anhyd. sulphate of ?
 Alumina and Copper hyd. silico-phosphate of, *D. Forbes*
 Alumina & Lime, hyd. phosphate of
 Alumina Native, Al. sesquioxide ?
 Alumina, siliciferous hydrate of
 Aluminous Marl (Clay), Al. hyd. sil.
 Alumocalcite (Opal), Si. hyd. oxide B.M. 26
 Alunite, or Alumstone, Al. & K. hyd. sulphate, B.M. 56
 Alunogen, Al. hyd. sulphate
 Alvite, Y. hyd. sil. B.M. 20
 Amalgam Gold, Hg. and Au.
 Amalgam Native, Hg. & Ag. B.M. 3
 Amausite (Orthoclase), K. & Al. sil.
 Amazon-Stone (Orthoclase), Al. &c. sil. B.M. 45
 Amber (Resin), C. H. & O. 60 B
 Amblygonite, Al. & Li. phosphate 60
 Ambrite (Resin), C. H. & O.
 Amethyst (Quartz), Si. oxide. B.M. 22
 Amethyst Oriental, (Sapphire-Corundum), Al. oxide.
 Amethystoline (Amethyst), Si oxide
 Amianthoide (Amianthus), Mg. Ca. &c. sil.
 Amianthus (Asbestos), Mg. & Ca. sil.
 Ammiolite, Hg. antimonite. B.M. 60
 Ammonia-Alum (Alum), Al. hyd. sulphate
 Ammonia-Alum of the Brown Coal (Alum), Al. hyd. sulphate ?
 Ammonia Bicarbonate.
 Amoibite (Nickel-Glance), Ni. arsenio-sulphide. B.M. 10
 Amphodelite (Anorthite), Al. Ca. & Mg. sil. B.M. 44
 Analcime, Cubicite, or Cuboite, Al. Na. &c. hyd. sil. B.M. 48
 Anatase, Ti. oxide. B.M. 21
 Anauxite (Clay), Al. & Mg. hyd. sil. ? var. Cimolite. B.M. 46
 Anchosine, Al. sil.
 Andalusite, Micaphyllite, or Stanzait, Al. sil. B.M. 41
 Andesine, Al. Na. and Ca. sil.
 Anglarite (Vivianite), Fe. hyd. phosphate. B.M. 57
 Anglesite, Pb. sulphate. B.M. 55
 Anhydrite, Karstenite, or Muricite, Ca. sulphate. B.M. 54
 Anhydrous Scolezite (Labradorite), Al. &c. sil.
 Ankerite (Dolomite), Ca. & Mg. carb. B.M. 32
 Annabergite, Nickel-Bloom, Nickel-Green, or Nickel-Ochre, Ni. hyd. arsenate. B.M. 57
 Annivite (Tetrahedrite), Cu. &c. sulphide
 Anorthite, Biotine, or Christianite, Al. Ca. &c. sil. B.M. 44
 Anthophyllite, (Hornblende), Mg. Fe. &c. sil. B.M. 36 (species)
 Anthophyllite, Hydrous (Actinolite), Mg. Ca. &c. sil. B.M. 38
 Anthracite, or Stone Coal (Coal), C. oxy-hydride. B.M. 60A
 Anthraconite (Stinkstone), Ca. carb. B.M. 31
 Anthracoxene (Resin), C. H. & O.
 Anthosiderite, Fe. hyd. sil. B.M. 46
 Anthrophyllite (Mica), B.M. 42 ?
 Antigorite (Serpentine), Mg. hyd. sil. B.M. 40
 Antimony Ochre, Sb. Hyd. oxide ? B.M. 26
 Antimonophyllite (Valentinite), Sb. oxide
 Antimony Arsenical, Sb. arsenate
 Antimony Native, Sb. B.M. 8

- Antrimolite (Mesolite), Al. Ca. &c. hyd. sil. B.M. 47
 Apatelite, Fe, hyd. sulphate. B.M. 56.
 Apatite, Ca. phosphate. B.M. 59
 Apatoid (Meteorite), Fe. &c.
 Aphérèse (Libethenite), Cu. hyd. phosphate
 Aphrite (Calcite), Ca. Carb. B.M. 31
 Aphrizite (Tourmaline), Al. &c. sil. 50
 Aphrodite (Meerschauum), Mg. hyd. sil. B.M. 39
 Aphrosiderite, Fe. and Al. hyd. sil. B.M. 50
 Aphthomite (Tetrahedrite), Cu. &c. sulphide. B.M. 11
 Apjohnite or Manganese-Alum (Alum), Al. hyd. sulphate, B.M. 56
 Apjohnite, Zn. & Pb. sulphide. (*Greg and Lettsom*)
 Aplome (Garnet), Al. Ca. & Fe. sil. B.M. 42
 Apophyllite, Ca. & K. hyd. sil. 39
 Aquamarine (Beryl), Al. Be. &c. sil.
 Aræoxene, Pb. vanadate & Zn. oxide
 Arendalite (Epidote), Al. &c. sil. 43
 Arfyedsonite (Hornblende), Mg. Fe. & Na. sil. B.M. 37
 Argentiferous Antimony Ore, Sb. sulphide with Ag.
 Argentiferous-Galena (Galena), Pb. sulphide with Ag.
 Argentine (Calcite), Ca. carb. B.M. 31
 Argentine, Silver Glance, or Henkelite, Ag, sulphide, B.M. 5
 Argillaceous Lenzinite (Halloysite), Al. hyd. sil.
 Arkansite (Brookite), Ti. oxide. 21
 Arquerite (Silver-Amalgam), Hg. and Ag. B.M. 3
 Arragonite or Igloite, Ca. carb. 27
 Arsenglanz (Native Arsenic), As.
 Arsenic Native, As. B.M. 3
 Arsenic-Silver, Ag. arsenide
 Arsenolite, As. oxide. B.M. 26
 Arsenomelane, Cu. arsenio-sulphide
 Arsenophyllite of *Breithaupt*, ? Arsenolite, As. oxide.
 Arseniosiderite, or Arsenocrocite, Fe. native diarsenide. B.M. 58
 Asbestiform-Calamite ? (Tremolite-Hornblende), Mg. &c. sil.
 Asbestiform-Tremolite (Tremolite-Hornblende), Mg. Ca. &c. sil.
 Asbestos (Actinolite-Hornblende), Mg. Ca. &c. sil. B.M. 38 (Tremolite)
 Asbolane or Earthy Cobalt (Wad), Mn. Co. &c. hyd. oxide
 Asparagus-Stone (Apatite), Ca. phosphate. B.M. 59
 Aspaseolite (Oosite—Iolite), Al. Mg. &c. sil. B.M. 43
 Asperolite of *Hermann*, Cu. hyd. sil.
 Asphaltene (Asphalt), C. H. O.
 Asphalt-Oil (Asphalt), C. H. O.
 Asphalt (Bitumen), C. H. O. B.M. 60a (species)
 Aspidelite (Sphene), Ti. and Ca. sil. B.M. 51
 Asteria of Pliny (Sapphire-Corundum), Al. oxide, &c.
 Asteriated Rock-crystal (Quartz), Si. oxide
 Astrakanite (Blödite), Mg. and Na. hyd. sulphate
 Astrophyllite (Mica), Al. Fe. Ti. &c. hyd. sil. B.M. 44
 Atacamite, or Remolinite, Cu. hyd. oxy-chloride. B.M. 15
 Atelesite (Eulytine), Bi. sil. B.M. 41
 Atheriastite (Scapolite), Al. Ca. &c. sil. B.M. 43
 Atlasite, (Malachite), Cu. & Zn. carb. B.M. 34
 Auerbachite, Zr. sil. B.M. 20
 Augite (Pyroxene), Mg. &c. sil. B.M. 36, 37
 Auralite (Iolite), Al. sil. B.M. 43 (var. Dichroite)
 Aurichalcite, Zn. & Cu. hyd. carb. 34
 Auriferous Blende, (Blende), Zn. sulphide & Au.
 Auriferous Galena (Galena), Pb. sulphide and Au.
 Auriferous Pyrites (Pyrites), Fe. sulphide and Au. B.M. 8
 Auriferous Quartz (Quartz), Si. oxide and Au.
 Autunite, or Lime Uranite, U. & Ca. hyd. phosphate. B.M. 59
 Avanturine Quartz (Quartz), Si. oxide B.M. 22
 Avanturine (Felspar—Orthoclase), Al. sil. B.M. 44

- Axinite, Thumite, or Thummerstein.
Ca. Al. &c. sil. with Sassoline ?
B.M. 51
- Axotomous Iron-ore (Ilmenite), Fe.
titanate
- Azorite, Ca. tantalate B.M. 52
(Azurite, syn. Chessylite, & Lazulite.
- Babel Quartz (Rock-Crystal), Si.
oxide
- Babingtonite, Fe. Mn. & Ca. sil. B.M. 38
- Bagrathonite (Allanite), Ce. sil. B.M.
43 (var. Epidote)
- Baierine (Columbite), Fe. & Mn.
niobite
- Baikalite (Sahlite—Diopside), Mg.
Ca. &c. sil. B.M. 36 (var. Diopside)
- Baikerite (Resin), C. H. O.
- Balais Ruby (Spinel), Al. oxide
- Ballesterosite (Pyrites), Fe. sulphide
- Baltimorite, Mg. & Fe. Hyd. sil.
Bristow. B.M. 40 (var. Picrolite)
- Baltimorite (Chrysotile—Serpentine),
Mg. &c. hyd. sil. (*Watts*)
- Bamlite (Sillimanite), Al. sil. 41
- Banded Chert, (Quartz.), Si. oxide
- Banded-Flint (Quartz), Si. oxide
- Baralite, Fe. &c. silico-aluminate.
- Bardiglio Marble (Calcite), Ca. carb.
- Bardiglione (Anhydrite), Ca. sulphate
- Barnhardtite, Cu. & Fe. sulphide. 12
- Baroselenite (Barytes), Ba. sulphate
- Barsowite (Anorthite), Al. & Ca. sil. 44
- Barytes or Heavy Spar, Ba. sulphate,
B.M. 54, 55
- Baryto-Calcite, Ba. & Ca. carb. B.M. 34
- Baryto-Celestine (Celestine), Sr.
and Ba. sulphate
- Baryto-Fluor-Spar, Ba. & Ca. fluoride
- Baryto-Strontianite (Strontianite),
Sr. carb.
- Basalt-tuff, Al. &c. hyd. sil.
- Basaltic-Hornblende (Hornblende),
Mg. &c. sil.
- Bastite, or Schiller-Spar, Mg. &c.
hyd. sil. B.M. 40 (var. Serpentine)
- Bastonite (Mica) ? B.M. 44
- Battle-Quartz (Quartz), Si. Oxide
- Batrachite (Chrysolite), Mg. & Ca. sil.
B.M. 36 (var. Olivine)
- Baudisserite (Magnesite), Mg carb.
- Baulite (Krablite—Orthoclase) Al.
&c. sil. B.M. 45
- Bauxite, Fe. & Al. hyd. oxide
- Bavalite (Chamoisite), Fe. hyd. sil.
B.M. 50
- Bayldonite, Pb. & Cu. hyd. arsenate
- Bean-Ore (Limonite), Fe. hyd. oxide
- Beaumontite (Heulandite), Al. Ca.
&c. hyd. sil. B.M. 49
- Beaumontite of *Jackson*, Cu. hyd.
sil. (*Watts*)
- Beekite (Quartz), Si. oxide B.M. 23
- Beetle-Stone (Clay-Ironstone), Fe.
carb.
- Bell-Metal-Ore (Tin-Pyrites), Sn.
sulphide. B.M. 11 (*Syn. Stannine*)
(Beraunite of *Bristow*, Black Del-
vauxene ?)
- Beraunite, Fe. hyd. phosphate. 58
- Berengelite (Guyaquillite), C. H. O.
- Bergmannite, (Natrolite), Al. & Na.
hyd. sil. B.M. 47
- Bergseife (Clay), Al. hyd. sil. 46
- Berthierite, or Haidingerite, Sb. sul-
phide. B.M. 12
- Beryl, Al. & Be. sil. B.M. 46
- Berzelianite, (the Berzeline of *Beu-*
dant), Cu. selenide
- Berzeline, Al. & K. sil. ? B.M. 8
- Beudantite, of *Covelli*, Pb. & Fe.
hyd. arsenate B.M. 60
- Beudantite of *Levy* (Nepheline),
Al. sil. B.M. 44
- Bieberite, or, Cobalt Vitriol, Co. hyd.
sulphate, B.M. 56
- Eiharite, Mg. hyd. sil.
- Bildstein Al. hyd. sil.
- Binnite (of *Weser*), Cu. arsenio-
sulphide, B.M. 12.
- Biotine (Anorthite), Al. sil. B.M. 44
- Biotite (Uniaxial-Mica — Mica),
Al. & Mg. hyd. sil. B.M. 44
- Bismuth Cobalt, Co. Fe. Cu & Ni.
arsenide (*Allan*)
- Bird's Eye Marble (Calcite), Ca. carb.
- Bismuth, Arsenical, Bi. arsenide
- Bismuth, Ferruginous arsenide of,
Bi. arsenide
- Bismuth-Gold (Gold), Au. with Bi.
sulphide
- Bismuth Native, Bi,
- Bismuth-Ochre, Bi. hyd. oxide. 26



- Bismuth-Silver, Ag. Pb. & Bi. sulphide, B.M. 4
 Bismuthaurite, (Gold), Au. & Bi.
 Bismuthine or Bismuthite, Bi. sulphide, B.M. 9 (syn. Bismuthite)
 Bitter-purging saline water (Mineral Water), H. oxide with much Mg. sulphate
 Bitter-Spar (Dolomite), Ca. & Mg. carb.
 Bitumen C. H. O.—B. M. 60 A
 Bitumen Bitter-Spar (Bitter-Spar—Dolomite), Ca. & Mg. carb
 Bituminous Copper Coal (Coal), C. oxy-hydride
 Bituminous Limestone (Calcite), Ca. carb.
 Bituminous Marl (Clay), Al. hyd. sil. with Bitumen
 Bituminous Wood (Lignite) C. oxy-hydride
 Black-Band (Clay-Ironstone)—Fe carb.
 Black and Brown Delvauxene (Delvauxene), Fe. hyd. phosphate
 Blackbrush (Limonite) Fe. hyd. oxide
 Black Chalk (Clay), Al. hyd. sil.
 Black Coal (Common Coal), C. oxy-hydride
 Black Iron-Mica (Mica), Al. Fe. & c. hyd. sil.
 Black Titanite (Sphene), Ca. titano silicate
 Blakeite (Coquimbite), Fe. hyd. sulphate
 Bleimulm (Galena), Pb. sulphide
 Bleinierite or Bleiniere, Pb. hyd. antimonate. ? B.M. 60
 Blende, Zinc-Blende, or Black Jack, Zn. sulphide. B.M. 5
 Bleu du roi (Sapphire-Corundum), Al. nearly pure.
 Blistered Copper Ore (Chalcopyrite), Cu. oxide
 Blödite, Mg. & Na. hyd. sulphate, B.M. 56
 Bloodstone (Specular Iron-Ore—Hematite), Fe. oxide
 Blue Calamine (Aurichalcite), Zn. hyd. carb.
 Blue-John (Fluor), Ca. fluoride
 Blue-Iron Earth (Vivianite), Fe. hyd. phosphate
 Blue-Lead (Galena), Pb. sulphide. 6
 Blue Stone, Zn Pb. Cu. & c. sulphide
 Bodenite (Orthite), Ce. sil. B.M. 43
 Bog (Turf—Coal), C. oxy-hydride
 Boghead Coal (Cannel Coal), C. oxy-hydride
 Bog-Iron Ore (Limonite), Fe. hyd. oxide. B.M. 19
 Bole, or Melinite, Al. hyd. sil. & Fe. oxide. B.M. 46
 Bologna Stone (Barytes), Ba. sulphate. B.M. 55
 Boloretine (Resin), C. H. O.
 Boltonite (Chrysolite), Mg. sil. B.M. 36 (var. Olivine)
 Bombite (Lydian Stone—Quartz), Si. oxide
 Bone-Turquoise, Odontolite, or False, Turquoise), ? fossil ivory, stained with Cu. phosphate
 Bonsdorffite (Iolite), Al. hyd. sil. B.M. 43 (var. Oosite)
 Boort, Bort, or Boart, (Diamond), C.
 Boracite, Mg. borate B.M. 56
 Borax, Na. hyd. borate B.M. 56
 Bordite, (Okenite), Ca. hyd. sil. B. M. 39
 Bornite, (Tetradymite), Bi. telluride, also, syn. *Erubescite*.
 Boro-natrocalcite, (Hayesine), Ca. hyd. borate, B.M. 56
 Botallackite, (Atacamite), Cu. oxy-chloride
 Bottle Stone, (Obsidian), Al. sil. 45
 Bottle Stone of Moravia, (Chrysolite), Mg. sil.
 Botryogen, Fe. hyd. sulphate 56
 Botryolite, (Datholite), Ca. hyd. silico-borate. B.M. 51
 Boulangerite, Pb. and Sb. sulphide B.M. 12
 Bournonite, or Endellionite, Pb. Cu. and Sb. sulphide, B.M. 11
 Bournonite Nickel Glance, Ni. and Sb. arsenide
 Bovey Coal (Lignite), C. oxyhydride
 Bowenite (Serpentine), Mg. hyd. sil B.M. 40

- Branchite (Scheererite), C. H. O. B.M. 60B
 Brass of South Wales, Fe. carb. ?
 Brass Ore (Blende) Zn. & Ca. sulphide
 Brassey Coal (Bituminous Coal containing Iron-pyrites)
 Braunite, Mn. sesquioxide, B.M. 17
 Brazilian Chrysolite (Topaz), Al. fluo-silicate
 Brazilian Ruby (Spinel), Al. and Mg. oxide &c.
 Brazilian Ruby (Topaz), Al. fluo-silicate ?
 Brecciated Agate (Quartz), Si. oxide
 Breadalbanite, (Hornblende), Mg. Ca. &c. sil.
 Breislakite, or Cyclopeite (Augite-Pyroxene), Mg. &c. sil. B.M. 37
 Breithauptite, or Antimonial Nickel, Ni. antimonite, B.M. 4
 Breunnerite (Dolomite), Ca. and Mg. carb. B.M. 32
 Brevicite (Natrolite), Al. Ca. & Na. hyd. sil. B.M. 47
 Brewsterite, Al. Ba. & Sr. hyd. sil. 49
 Brewstoline, or Diagonite (Resin), C. H. O.
 Brine, or Salt Water (Mineral Water), H. oxide with Na. chloride and I. or Br., or both.
 Brocatella di Sienna (Calcite), Ca. carb.
 Brochantite, Cu. hyd. sulphate 56
 Bromargyrite, or Bromide Silver, Ag. bromide B.M. 13
 Bromyrite, or Bromite, Ag. bromide B.M. 13
 Brongniardite, Ag. Pb. & Sb. sulphide B.M. 12 (Brogniardite)
 Bronzite, Mg. and Fe. sil. B.M. 36
 Brookite, Ti. oxide, B.M. 21
 Brossite, (Dolomite), Ca. and Mg. carb. B.M. 32
 Brown Asbestos (Anthophyllite), Mg. &c. sil.
 Brown Clay-Iron-Stone (Limonite), Fe. hyd. oxide
 Brown Coal (Lignite), C. oxy hydride B.M. 60A
 Brown Dolomite (Dolomite), Ca. Mg. & Fe. carb. (*Watts*)
 Brown Hematite (Limonite), Fe. hyd. oxide
 Brown Jasper (Quartz), Si. oxide
 Brown Ochre (Limonite), Fe. hyd. oxide
 Brown Spar (Dolomite), Ca. and Mg. carb. B.M. 33
 Brucite, Mg. hydrate B.M. 15
 Brushite, Ca. phosphate
 Bubble Chalcedony (Chalcedony—Quartz), Si. oxide
 Bucholzite (Sillimanite), Al. sil. 41
 Bucklandite (Pistacite-Epidote), Al. Ca. & Fe. sil. B.M. 43 ? hyd.
 Bucurumanga Resin (Resin), C. H. O.
 Buhrstone (Quartz), Si. oxide
 Buratite, Zn. & Cu. hyd. carb. 34
 Bustamite (Rhodonite), Mn. & Ca. sil. B.M. 38
 Buttermilcherz, (Chlorargyrite), Ag. chloride
 Butyrite (Guayaquillite), C. H. O. B.M. 60B (Bog-Butter)
 Byssolite (Actinolite), Mg. &c. sil. B.M. 37 (syn. Tremolite)
 Bytownite (Anorthite), Al. sil. 44
 Cabocle, Al. hyd. phosphate (?)
 Cacholong (Opal), Si. hyd. oxide. 26
 Cacoixene, or Kakoxene, Al. & Fe. hyd. phosphate
 Cadmiferous Blende (Blende), Zn. sulphide with Cd.
 Cadmium Ochre, Cd. sulphide (?) 15
 Cairngorm (Quartz), Si. oxide. 22
 Caking-Coal (Coal), C. oxy-hydride
 Calamine, or Zinc-Spar, Smithsonite of *Dana*, Zn. carb. B.M. 34
 Calamine Siliceous, or Zinc Glance, Zn. hyd. sil. (*Watts*)
 Calamite (Tremolite-Hornblende), Mg. &c. sil. B.M. 37
 Calcareous Barytes (Barytes), Ba. sulphate. B.M. 54
 Calcareous Marl (Marl-Clay), Al. hyd. sil. with Ca. carb.
 Calcareo-sulphate of Baryta, Ba. sulphate with Ca. carb.
 Calcareo-sulphate of Strontian, Sr. sulphate with Ca. carb.
 Calcite, Ca. carb. B.M. 29, 31

- Calcoferrite or Calciferite, Fe. and Ca. hyd. phosphate.
 Calc-sinter, Ca. carb.
 Calctuff, or Calcareous Tufa, Ca. alluvial carbonate
 Calderite of Nepaul, (Garnet), Al. sil.
 Caledonite, Pb. & Cu. carb. & Pb. sulphate. B.M. 56
 Caliche of *Thomson*, Na. nitrate ?
 Caliphite of *Thomson*, Fe. and Mn. hyd. sil. ?
 Calomel Native, Hg. chloride. 14
 Calstronbaryte (Barytes), Ba. sulphate with Sr. & Ca. carb. (*Watts*)
 Calyptolite (Zircon), Zr. sil.
 Canaanite (Scapolite), Al. & Ca. sil. 43
 Cancrinite, Al. and Na. hyd. carb. with Si. (*Watts*) B.M. 44
 Candite (Pleonaste-Spinel), Al. and Mg. oxide &c.
 Cannel-Coal (Coal), C. oxy-hydride B.M. 60A
 Cannelite (Cannel-Coal), C. oxy-hydride
 Canoxinite, Na. and Al. sil. (*Bristow*)
 Cantalite (Pitchstone), Al. silicate
 Cantonite, Cu. sulphide
 Caporcianite, (? Laumontite), Al. and Ca. hyd. sil. B.M. 48 (Var. Laumontite)
 Capped-Quartz (Quartz), Si. oxide B.M. 23
 Carbonado, or Diamond Carbonate, (Diamond), C. impure
 Carbonated, or Acidulous Water (Mineral Water), H. oxide charged with carbonic acid
 Carbonated Chalybeate Water (Mineral Water), H. oxide with Fe. carb., carbonic acid, &c.
 Carbonated Saline Water (Mineral Water), H. oxide with Ca. carb., or sulphate, and Nitrogen Gas
 Carinthine (Hornblende), Mg. &c. sil. B.M. 38
 Carminite, Pb. and Fe. arsenate 57
 Carnallite, Mg. & K. chloride 14
 Carnat (Lithomarge), Al. hyd. sil.
 Carnelian (Agate), Si. oxide. 24
 Carolathine, Al. hyd. sil. &c. 60B
 Carpholite, Mn. Al. and Fe. hyd. sil. B.M. 46
 Carphosiderite, Fe. hyd. phosphate B.M. 58
 Carphostilbite (Thomsonite), Al. hyd. sil. B.M. 47
 Carrara Marble (Calcite), Ca. carb.
 Carrolite, (Linnæite), Co. Cu. Fe. & Ni. sulphide
 Cassiterite, or Tin Stone, Sn. bin-oxide, B.M. 20
 Cassiterotantalite (Tantalite), Fe. tantalate. B.M. 51
 Castellite, Cu. & Fe. sulphide
 Castelnauite (Xenotime), Y. hyd. phosphate
 Castor (Petalite), Al. sil. with Li. B.M. 45
 Catapleiite, Zr. hyd. sil. B.M. 52
 Catlinite (Clay), Al. hyd. sil.
 Cat-Sapphire (Oriental Sapphire—Corundum), Al. oxide &c.
 Cat's Eye (Quartz), Si. oxide. 22
 Cavolinite (Nepheline), Al. sil. 44
 Cawk (Barytes), Ba. sulphate.
 Celestine, Sr. sulphate, B.M. 54
 Cellular-Pyrites (Marcasite), Fe. sulphide
 Cement Copper (Native Copper) Cu. ?
 Cendres noires (Friable-Coal), C. oxy-hydride ?
 Centralassite, Ca. hyd. sil.
 Cerasine, Pb. chloro-carbonate
 Cereolite, Mg. & Al. hyd. sil. 50
 Cerine, (Allanite), Ce. sil.
 Cerinite, Al. and Ca. hyd. sil.
 Cerite, or Cererite, Ce. hyd. sil. Ce. partly displaced by La. Di. Ca. & Fe. B.M. 40
 Cerium Epidote (Epidote), Al. sil. with Ce.
 Cerium Ochre, Ce. oxide. B.M. 15
 Cerussite, or White Lead Ore, Pb. carb. B.M. 28
 Cervantite, Sb. oxide, B.M. 26 (var. Antimony Ochre)
 Chabasite, Al. & Ca. hyd. sil. B.M. 48
 Chalcantithite, Cu. sulphate (*Watts*)
 Chalcedonified Wood, Si. hyd. oxide
 Chalcedony (Quartz), Si. oxide 24
 Chalcedonyx, (Chalcedony), Si. oxide
 Chalcodite, Fe. & Mg. hyd. sil. B.M. 50

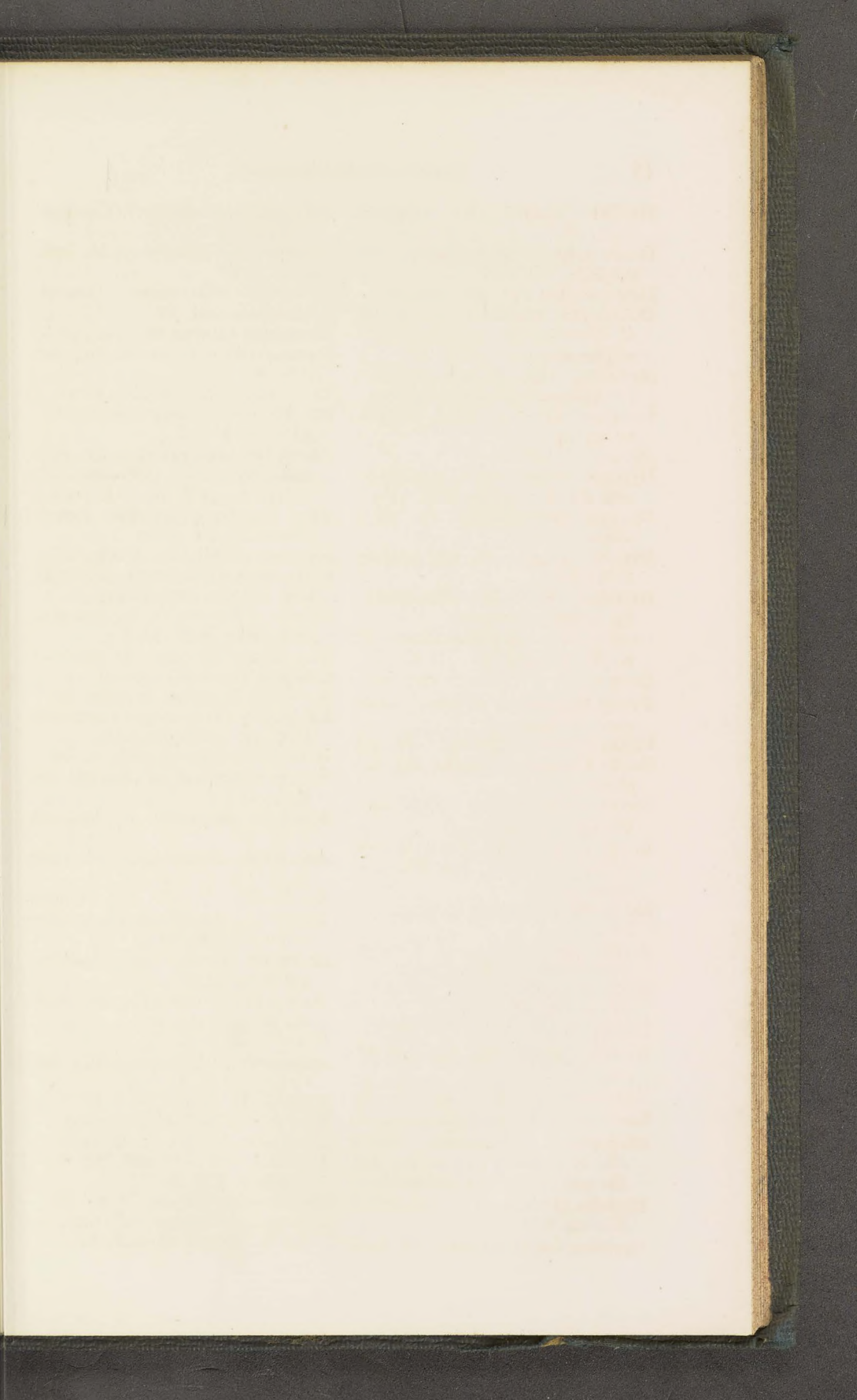
- Chalcolite, Copper-Uranite, or Torberite, (Uranite), U. & Cu. hyd. phosphate
 Chalcophyllite, Copper Mica, or Tamarite, Cu. hyd. arsenate. 58
 Chalcopyrite, Copper-Pyrites, Tovanite, or Yellow Ore, Cu. & Fe. sulphide. B.M. 10
 Chalcosiderite, Fe. phosphate ? carb. ? syn. Chalybite, B.M. 58
 Chalcotrichite (Cuprite), Cu. oxide B.M. 15
 Challilite (Thomsonite), Al. hyd. sil. B.M. 47
 Chalk (Calcite), Ca. carb. B.M. 31.
 Chalybeate Water, Water containing Fe. carb. &c.
 Chalybite, Chalybdite, Spathose, or White Iron, Clay Iron-Stone, or Spathic Iron, Fe. carb. B.M. 33
 Chamoisite, Fe. hyd. sil. B.M. 50
 Chamoisite, or Berthierine (Siderochiasolite), Fe. hyd. sil. ?
 Chanaralite Ni. & Co. hyd. arsenate
 Chantonite (Meteorite), Fe. &c.
 Chathamite (Smaltine), Co. arsenide
 Chelmsfordite (Wollastonite), Ca. sil.
 Chenevixite, Cu. & Fe. hyd. arsenate
 Chenocoprolite (Pitticite), Fe. hyd. arsenate with Ag. and Co.
 Cherokine (Pyromorphite), Pb. phosphate, B.M. 60
 Cherry-Coal (Coal), C. oxy-hydride
 Chert (Quartz), Si. oxide
 Chessylite, *Azurite*, or Blue Copper, Cu. hyd. carb. B.M. 35
 Chesterlite (Orthoclase), Al. sil. 45
 Chiasolite, Macle, Maranite or Hollow Spar, (Andalusite), Al. sil. B.M. 41
 Childrenite, Al. Fe. & Mn. hyd. phosphate. B.M. 59
 Chileit (Göthite), Fe. hyd. oxide
 Chileite, Pb. and Cu. vanadate
 Chiolite, Al. and Na. fluoride. 14
 Chiviatite, Bi. and Pb. sulphide. 11
 Chladnite (Meteorite), Fe. &c. chiefly a silicate
 Chloanthite, Co. Fe. & Ni. arsenide B.M. 4
 Chlorapatite (Apatite), Ca. phosphate
 Chlorargyrite, Kerargyrite, Kerate. or Horn Silver, Ag. chloride B. M. 12
 Chlorastrolite, Al. Ca. & Na. hyd. sil. B.M. 47 (var. Prehnite)
 Chloride of Iron, Fe. chloride
 Chlorite, Mg. and Al. hyd. sil. 49
 Chlorite Earth (Chlorite), Mg. and Al. hyd. sil.
 Chlorite Slate (Chlorite), Mg. and Al. hyd. sil.
 Chloritoid, or Chlorite Spar (Sismondine), Al. Mg. and Fe. hyd. sil. B.M. 49
 Chloropal, Fe. hyd. sil. with Opal ? Nontronite
 Chlorophœite, Chlorophacite, or Glauconite, Fe. & Mg. hyd. sil. 39
 Chlorophane (Fluor), Ca. fluoride B.M. 13
 Chlorophanesite ? Chlorophœite
 Chlorophyllite, or Hydrous Iolite (Iolite), Al. hyd. sil. B.M. 43 (var. Dichroite)
 Chlorospinel (Spinel), Al. and Mg. oxide &c. B.M. 16
 Chlorozeolite (Zeolite), Ca. & Al. hyd. sil.
 Chondroarsenite, Mn. hyd. arsenate
 Chondrodite, or Maclurite (Humite), Mg. sil. B.M. 36
 Chonikrite (Pyrosclerite), Mg. Al. Ca. & Fe. hyd. sil. B.M. 49 (var. Clinocllore)
 Chrismatine (Ozokerite), C. H. O.
 Christianite (Harmotome), Al. & Ba. hyd. sil. ?
 Christianite of Stempel (Phillipsite), Al. Ca. &c. hyd. sil. (Watts) B.M. 44 (syn. Anorthite)
 Chrome-Mica (Biotite—Mica), Al. Mg. &c. sil.
 Chrome Ochre (Wolchonskoite), Al. & Cr. hyd. sil. B.M. 46
 Chromite, or Chromic Iron, Fe. chromate. B.M. 16
 Chromochlorite of Thomson (Serpentine), Mg. &c. hyd. sil.
 Chrysoberyl, Be. aluminate, B.M. 16

- Chrysocolla, Copper-Green, or Pitchy Copper-Ore, Cu. hyd. sil. B.M. 40
- Chrysolite, Peridot, or Olivine, Mg. & Fe. sil. B.M. 36 (syn. Olivine)
- Chrysoprase (Chalcedony), Si. oxide B.M. 24
- Chrysotile (Serpentine), Mg. hyd. sil. B.M. 40
- Churchite, Ce. & Ca. hyd. phosphate
- Chusite (Chrysolite), Mg. sil. B.M. 36 (var. Olivine)
- Chytrophyllite, Fe. sil.
- Cimolite (Clay), Al. hyd. sil. 46
- Cinnabar, Hg. sulphide. B.M. 7
- Cinnamon-Stone (Garnet), Al. & c. sil. B.M. 42
- Cipilino Marble (Calcite), Ca. carb.
- Circle-Agate (Quartz), Si. oxide
- Citrine, Citron, or False Topaz, (Rock-crystal), Si. oxide
- Claussenite (Hydrargyllite-Gibbsite), Al. native hydrate
- Clausthalite, Pb. selenide. B.M. 5
- Clay, Al. hyd. sil. B.M. 46
- Clay Iron-Stone (Siderite), Fe. carb. B.M. 33
- Clay-Slate, Al. hyd. sil. & c.
- Clayite (Galena), Pb. sulpho-arsenide
- Claystone (Clay), ? Al. hyd. sil.
- Cleavelandite, (—see Albite).
- Cleiothane (Blende), Zn. sulphide
- Clinocllore, Al. Mg. & c. hyd. sil. B.M. 49
- Clinoclase, Abichite, Aphanite, or Siderochalcite, Cu. hyd. arsenate. B.M. 58
- Clintonite, Holmesite, or Seybertite, Al. and Mg. hyd. sil. B.M. 49 (var. Brandisite)
- Cloudy-Chalcedony (Quartz), Si. oxide
- Cluthalite (Analcime), Al. Mg. Na. & Fe. hyd. sil. B.M. 48
- Coal, C. oxy-hydride
- Cobalt Crust (Erythrine), Co. hyd. arsenate (?)
- Cobaltine, or Cobalt Glance, Co. arsenio-sulphide, B.M. 10
- Cobalt Nickel Glance, Co. & Ni. arsenio-sulphide.
- Cobalt Terarsenide, Co. arsenide
- Cobalt Manganese Spar (Diallogite), Mn. and Ca. carb. B.M. 35
- Coccinite, Hg. iodide
- Coccolite, Mg. & c. sil.
- Cockscomb Barytes (Barytes), Ba. sulphate
- Cockscomb Pyrites (Marcasite), Fe. sulphide
- Coking Coal (Anthracite-Coal), C. oxy-hydride
- Collyrite, Al. hyd. sil. B.M. 46 (var. Allophane) ? Dillnite
- Colophonite (Garnet), Al. sil. 42
- Columbite, Fe. and Mn. niobate B.M. 52
- Columnar Boulangerite (Boulangerite), Pb. and Sb. sulphide
- Columnar Clay Iron Ore (Ilmenite), Fe. oxide
- Columnar Coal (Common Coal), C. oxy-hydride
- Common Clay, (Clay), Al. hyd. sil.
- Common Coal (Coal), C. oxy-hydride
- Common Felspar (Orthoclase), Al. sil. B.M. 45
- Common Garnet (Garnet), Al. sil.
- Common Jasper (Quartz), Si. oxide
- Common Opal (Opal), Si. hyd. oxide.
- Common Quartz (Quartz), Si. oxide
- Compact Boracite (Boracite), Mg. borate
- Compact Galena (Galena), Pb. sulphide
- Compact Marble (Calcite), Ca. carb.
- Compostella Hyacinth (Quartz), Si. oxide
- Comptonite (Thompsonite), Al. & Ca. hyd. sil. B.M. 47
- Conarite, Ni. hyd. phosphate
- Condurrite, or Arsenical Copper (Domeykite), Cu. arsenide. B.M. 47
- Cone-in-cone Coal, or Crystallized Coal, (Coal), C.
- Confolensite (Halloysite), Al. & c. hyd. sil.
- Conglomerate, or Puddingstone, (Quartz), Si. oxide
- Conichalcite, Cu. & Ca. hyd. arseniophosphate
- Conichrite of Thom. Mn. hyd. sil.
- Conite (Dolomite), Mg. Ca. & Fe. hyd. carb. B.M. 32

- Conistonite, Ca. hyd. oxalate ?
 Connelite, Cu. sulphato-chloride. 56
 Copaline, or Fossil Copal (Resin), C. hydrated. B.M. 60B
 Copiapite, or Yellow Copperas, Fe. hyd. sulphate. B.M. 56
 Copperas, Melanterite, or Iron Vitriol, Cu. hyd. sulphate. B.M. 56 (Melanterite)
 Copperasine, (Copper Glance), Cu. sulphide
 Copper-Glance, Redruthite or Vitreous Copper, Cu. sulphide. 7
 Copper Manganese (Crednerite), Cu. & Mn. oxide. B.M. 18
 Copper Native, Cu. B.M. 1
 Copper-Nickel, Ni. arsenate
 Copper Pitchblende, Cu. hyd. sil. ? Chrysocolla, & Ilmenite.
 Copper Slate, or Kupferschiefer, Cu. sulphide in Slate.
 Copper Tungstate, Cu. tungstate
 Coprolite, Ca. hyd. phosphate
 Coquimbite, Fe. hyd. sulphate. B.M. 56 (var. Copiapite)
 Coracite, (Pitchblende), U. Pb. Ca. & c. hyd. oxide ?
 Coral, (Calcite), Ca. carb.
 Coral Ore (Hepatic Cinnabar), Hg. sulphide
 Coraline Agate (Agate), Si. oxide
 Cornaline Agate, (Agate), Si. oxide
 Corneine (Hornblende), Mg. & c. sil.
 Corneous Manganese (Rhodonite), Mn. & c. sil.
 Cornish Diamond (Quartz), Si. oxide
 Corn Spar (Calcite), Ca. carb. 30
 Cornwallite, Cu. hyd. arsenide 57
 Corandellite (Margarite), Al. hyd. sil. B.M. 49
 Corundophyllite, Fe. hyd. sil. 49
 Corundum, or Adamantine Spar, Al. oxide, & c. B.M. 17
 Cotunnite, Pb. chloride. B.M. 14
 Coulobrasine of *Thom.* Zn. selenide
 Cousseranite (Scapolite), Al. sil. 48
 Covelline, or Indigo Copper, Cu. sulphide. B.M. 8
 Craie de Briancon (Talc), Mg. hyd. silicate
 Crednerite, Cu. & Mn. oxide. 18
 Crichtonite (Ilmenite), Fe. titanate B.M. 18
 Crocidolite, Fe. hyd. sil. B.M. 50
 Crockolite, Blue Asbestos, or Krokallite, (Natrolite), Al. & Na. hyd. sil. B.M. 47
 Crocoisite, Lehmannite, or Red Lead ore, Pb. chromate. B.M. 53
 Cronstedtite, or Chloromelane, Fe. hyd. sil. B.M. 50
 Crow-Coal of Alston Moor (Anthracite) C. oxy-hydride
 Crucite of *Thom.*, Fe. oxide
 Cryolite, or Chodneffite, Al. & Na fluoride. B.M. 14
 Cryptoline (Resin), C. hydrated
 Cryptolite, Ce. phosphate. B.M. 57
 Cuban (Erubescite), Cu. & Fe. sulphide
 Cube Pyrites (Pyrites), Fe. sulphide
 Cubicite, or Cubizite, (Analcime), Al. hyd. sil.
 Cuboite (Analcime), Al. hyd. sil
 Cuivre spiciforme (Copper Glance), Cu. sulphide
 Culebrite, Zn. selenide & Hg. sulphide
 Cumengite (Valentinite), Sb. oxide
 Cumingtonite (Hyd. Anthrophyllite — Actinolite), Mg. Ca. & c. silicate
 Cupriferous Anthracite (Anthracite) C. oxy-hydride, with Cu. sulphide.
 Cupriferous Blende, (Blende), Zn. & Cu. sulphide
 Cupreous Manganese (Wad), Mn. and Cu. hyd. oxide
 Cupriferous Marlite (Chalcopyrite), Cu. oxide
 Cupriferous Sandstone of Alderley, Cu. carb.
 Cuprite, Red oxide of Copper, or Ruby Copper, Cu. oxide. B.M. 15.
 Cupro-plumbite (Galena), Pb. cupro-sulphide
 Cyanochrome, K. & Cu. sulphate
 Cyanolite, Ca. hyd. sil.
 Cyanosite, Blue Vitriol, or Copper Vitriol, Cu. hyd. sulphate
 Cyclopitite, Al. & Ca. hyd. sil.
 Cymophane (Chrysoberyl), Al. & Be, oxide

- Cyprine, or Cupreous Idocrase (Idocrase), Ca. Al. & Cu. sil. 42
 Damourite, Al. & Ca. hyd. sil. 50
 Danaite (Mispickel), Fe. sulpho-arsenide. B.M. 10
 Danburite, Ca. borosilicate. B.M. 51
 Dannemorite (Hornblende), Al. & Fe. sil.
 Dapêche, C. hydrated. B.M. 60B
 Darwinite, Cu. arsenide.
 (? Whitneyite)
 Datholite, Datolite or Humboldtite, Ca. hyd. silico-borate. B.M. 51
 Davidsonite (Beryl), Al. sil. B.M. 46
 Davite, Al. hyd. sulphate
 Davyne, or Somnite (Nepheline), Al. sil. B.M. 44
 Davyte (Alunogen), Al. hyd. sulphate
 Dead Sea Water (Water), H. oxide with excess of Na. Mg. & Ca. chlorides
 Dechenite, Pb. vanadate. B.M. 53
 Degeröite, Fe. hyd. sil. B.M. 60
 Delanovite (Halloysite), Al. Mn. & Ca. hyd. sil. B.M. 46
 Delarnite (Leucopyrite), Fe. arsenide
 Delessite (Chlorite), Mg. & Al. hyd. sil. B.M. 50
 Deleminozite, Ag. sulphide
 Delphinite (Pistacite), Al. & c. sil.
 Delvauxite, or Delvauxine, Fe. hyd. phosphate
 Demidoffite, or Demidovite (Chrysocolla), Cu. hyd. sil. & phosphate B.M. 40
 Dermatine (Serpentine), Mg. Fe. & c. hyd. sil. B.M. 40
 Descloizite, Pb. vanadate. B.M. 53
 Devilline, Ca. hyd. sil. B.M. 56
 Dew (Water), H. oxide & c.
 Deweylite, or Gymnite, Mg. hyd. sil. B.M. 40 (syn. Gymnite)
 Disclasite (Hypersthene—Pyroxene) Mg., & c. sil. B.M. 36
 Diadochite, Fe. hyd. phosphate & sulphate. B.M. 60
 Diallage (Pyroxene), Mg. Ca. & Fe. sil. B.M. 37
 Diallogite, Mn. Ca. Fe. & Mg. carb. B.M. 33
 Diamanthoid, rolled garnets from the Urals.
 Diamond, pure Carbon. B.M. 3
 Diamond Black (Diamond), C.
 Diamond Splint (Diamond), C.
 Dianite (Tantalite), Fe. tantalate, with Sn. & Mn. B.M. 51. ? species
 Dianium a metallic acid of the tantalite and niobic group ?
 Diaphorite (Allagite-Rhodonite), Mn. sil. & quartz. (Watts)
 Diastalite (Actinolite ?—Hornblende), Mg. Ca. & c. sil.
 Diaspore, Al. Fe. Ca. Mg. & c. hyd. sil. B.M. 18
 Didrymite, or Didymite, Al. Ca. & K. hyd. sil. (Watts) ? Tale
 Digenite (Copper-Glance), Cu. sulphide. B.M. 12
 Dihydrate (Phosphocalcite), Ca. hyd. phosphate. B.M. 57
 Dillnite, or Collyrite (at Schemnitz), Al. hyd. sil. with Ca. & Mg. B.M. 46 (var. Allophane)
 Dimagnetite (Magnetite), Fe. oxid B.M. 16
 Dimorphine, As. sulphide. B.M. 9
 Dinite (Resin), C. hydrated
 Diopside, or Pyrgom, (Augite-Pyroxene), Mg. and Ca. sil. 36
 Dioptase, or Emerald copper, Cu. hyd. sil. B.M. 40
 Diphanite (Margarite), Al. hyd. sil.
 Dipyre, or Prehnitoid, Al. Ca. & Na. sil. B.M. 43
 Dipyrite, Fe. & Ni. sulphide ?
 Discrasite, or Antimonial silver, Ag. antimonide. B.M. 4
 Disterite or Brandisite (Clintonite), Al. & Mg. hyd. sil.
 Dog-tooth-Spar (Calcite), Ca. carb. B.M. 29
 Dolomite, or Magnesian Limestone, Ca. & Mg. carb. B.M. 32
 Domeykite, Cu. arsenide. B.M. 4
 Donacargyrite, Ag. & Pb. sulpho-antimonide
 Dopplerite (Resin), C. hydrated
 Doranite, Al. & Mg. hyd. sil.
 Double-Gold (Gold), Au. & Ag.
 Doubly-capped Quartz, (Quartz), Si. oxide
 Drawing-Slate Al. C. & Fe. hyd. sil.

- Drealite (Barytes), Ba. sulphate. B.M. 55
 Ducktownite (Copper-Glance), Cu. sulphide. B.M. 7
 Dufrenite, Fe. hyd. phosphate. 59
 Dufrenoyssite, Gotthardite, or Binnite of *Descloiseaux* (Galena), Pb. sulpho-arsenide. B.M. 12
 Dumasite, (like Chlorite)—*Watts*, (? Arsenomelane & Scleroclase)
 Dungwen Crystal, (Rock-Crystal), Si. oxide
 Dyrpe, Al. hyd. sil
 Dysluite (Spinel), Al. & Mg. oxide. with Zn. Mn. & Fe. B.M. 16
 Dyslytite (Schreibersite), Fe. phosphate
 Dysodile (Lignite), C. oxy-hydride. B.M. 60B
 Dyssnite (Fowlerite — Rhodonite), Fe. & Mn. aluminate
 Dysyntribite (Algamatolite), Al. K. Na. & c. hyd. sil. B.M. 50
 Earth-Foam (Aphrite), Ca. carb.
 Earthy Bitumen, or Maltha, (Bitumen), C. hydrated.
 Earthy Cerussite (Cerussite), Pb carb
 Earthy Cinnabar (Cinnabar), Hg. sulphide
 Earthy Cobalt-Bloom (Erythrine), Co. hyd. arsenide
 Earthy Glauber-Salt-Water (Mineral Water), H. oxide, with Na. sulphate, &c.
 Earthy Mineral Pitch (Asphalt), C. hydrated
 Earthy Silver Glance of Cornwall (Silver Glance), Ag. sulphide
 Edelforsite, *Edelforsite*, or Retzite, Ca. neutral sil. B.M. 36
 Edelite (Prehnite), Al. hyd. sil. 47
 Edenite (Hornblende), Mg. Ca. Al. &c. sil.
 Edingtonite, Ba. & Al. hyd. sil. 48
 Edwardsite (Monazite), Ce. phosphate
 Effervescent Chalybeate Water (Mineral Water), H. oxide, with Fe. carb., and much carbonic acid.
 Egerane (Idocrase), Ca. Al. Fe. & Na. sil. B.M. 42
 Egyptian Jasper (Quartz), Si. oxide
 Ehlite (Phosphochalcite), Cu. hyd. sil. B.M. 56
 Ehrenbergite (Epistilbite), Al. hyd. sil. B.M. 50
 Eisenkiesel (Ferruginous Quartz), Si. oxide. B.M. 23
 Eisenmulm (Magnetite), Fe. oxide.
 Eisennickelkies, Fe. and Ni. sulphide B.M. 6
 Ekebergite (Scapolite), Al. sil. 43
 Elæolite, or Phonite (Nepheline), Al. sil. B.M. 44
 Elastic Bitumen, Elaterite, or Mineral Caoutchouc (Bitumen), C. hydrated. B.M. 60A. (Elaterite)
 Elba Iron-Ore (Specular Iron—Hematite), Fe. oxide
 Electrum (Gold), Au. & Ag. 2
 Elhuyarzite (Allophane), Al. & Ca. hyd. sil. with carbonic acid
 Eliasite (Pitchblende), U. Fe. &c. hyd. oxide. B.M. 16
 Elie Ruby (Pyrope), Al. &c. sil.
 Ellargite, Ca. & Al. hyd. sil.
 Embolite, Ag. chloro-bromide. 13
 Embrithite, Pb. sulpho-antimonite B.M. 12 ? Boulangerite.
 Emerald (Beryl), Al. & Be. sil. 46
 Emery (Corundum), Al. &c. hyd. sil. B.M. 17
 Emerylite (Margarite), Al. hyd. sil. B.M. 49
 Emmonsite (Strontianite), Sr. carb. B.M. 28
 Emplectite, Cu. & Bi. sulphide
 Enargite, or Algodonite, Cu. arsenio-sulphide, B.M. 12
 Encrinital Marble (Shell Marble—Calcite), Ca. carb.
 Enstatite (Pyroxene), Mg. &c. hyd. sil. B.M. 36 (species)
 Ephesite, Al. hyd. sil.
 Epichlorite (Ripidolite), Mg. &c. hyd. sil. B.M. 49
 Epidote, Al. &c. sil. B.M. 43
 Epiglaubeite, Ca. hyd. phosphate
 Epistilbite, Al. hyd. sil. B.M. 49
 Epsomite, or Epsom Salt, Mg. hyd. sulphate. B.M. 55
 Erdmannite, (Zircon), Zr. sil. 20
 Erdmannite (Orthite—Allanite), Ce. La. & Ca. hyd. sil, B.M. 43



- Erinite of *Haidinger*, Cu. hyd. arsenate. B.M. 57
 Erinite of *Thompson*, (Bole), Al. sil. B.M. 46
 Erlane or Erlanite (Cinnamon Stone—Garnet), Al. &c. sil. B.M. 43
 Ersbyite (Labradorite), Al. &c. sil.
 Erubescite, Purple, or variegated Copper, or Bornite, Cu. & Fe. sulphide. B.M. 10
 Erusibite (Copper-Glance), Cu. sulphide
 Erythrine, Cobalt Bloom, or Red Cobalt Ochre, Co. hyd. arsenate B.M. 57
 Erythronium of Del Rio, Pb. vanadate
 Erythrite (Orthoclase), Al. sil.
 Escherite (Epidote), Al. &c. sil. ?
 Eschwegite (Anthosiderite), Fe. hyd. sil.
 Esmarkite (Iolite), Al. hyd. sil. B.M. 4 (var. Dichroite).
 Essonite, or Hessonite, (Cinnamon Stone), Al. &c. sil. B.M. 42
 Eucarite, Ag. & Cu. selenide. B.M. 8
 Euchroite, Cu. hyd. arsenate. B.M. 57
 Euchsiderite (Augite), Ca. & Al. sil.
 Euclase, Al. & Be. hyd. sil. B.M. 46
 Eudialyte, Zr. Na. & Ca. sil. 51
 Eudnophite (Analcime), Al. hyd. sil. B.M. 48
 Eugenesite of *Kobel*, Pd. (?Hexagonal Palladium.)
 Eukamptite (Mica), Al. Fe. &c. hyd. sil. B.M. 44
 Eukolite (Eudialyte), Zr. sil. 51
 Eukolite-Titanite, Fe. Na. &c. sil.
 Eulysite (Chrysolite), Mg. sil. B.M. 36 (var. Olivine)
 Eulytine, or Bismuth Blende, Bi. sil. B.M. 41
 Eumanite (Brookite), Ti. oxide
 Euosmite (Resin), C. hydrated ?
 Euphillite, al. and Ca. hyd. sil. B.M. 50
 Euphotide-Jadien (Saussurite), Al. sil. ? Saussurite & Smaragdite
 Eupychroite₁ (Apatite), Ca. phosphate. B.M. 59
 Eusynchite, Pb. vanadate. B.M. 53
 Euxenite, Y. &c. titano-niobate B.M. 52
 Evansite, Al. hyd. phosphate
 Exanthalose (Glauber Salt), Na. hyd. sulphate
 Eye Agate (Circle Agate—Quartz), Si. oxide
 Eyestone (Calcite), Ca. carb.
 (Fahlerz, Cu. Ag. & Hg. see Tetrahedrite)
 Fahlerz Mercurial, Cu. Hg. Sb. & As. sulphide
 Fahlerz Silver (Tetrahedrite), Cu. Ag. &c. sulphide. B.M. 11
 Fahles Rothgiltigerz (Miargyrite), Ag. & Sb. sulphide
 Fahlunite, or Triclasite (Iolite), Al. &c. hyd. sil. B.M. 43 (var. Dichroite)
 False Topaz (Quartz), Si. oxidè.
 Fargite, (Galactite), Al. & Na. hyd. sil. ? Natrolite
 Farœlite, or Mesole, Al. & Ca. hyd.
 Fassaite (Augite), Mg. &c. sil. 36
 Faujasite, Al. Ca. and Na. hyd. sil. B.M. 49
 Fayalite (Chrysolite), Fe. &c. sil. B.M. 36 (var. Olivine)
 Felsite (Labradorite), Al. & Ca. sil.
 Felsobanyite, Al. hyd. sulphate. B.M. 56 (syn. Kapnicite)
 Felspar (Orthoclase), Al. sil. B.M. 45 (syn. *Orthoclase*)
 Felspathic Obsidian (Obsidian), Al. &c. sil.
 Fergusonite, Y. & Ce. hyponiobate. B.M. 52
 Ferrite, Fe. hyd. sil.
 Ferro-Cobaltine (Cobaltine), Co. As. & Fe. sulphide
 Ferrotantalite (Tantalite), Fe. tantalate
 Ferruginous, or Chalybeate Water (Mineral Water). H. oxide with much Fe.
 Ferruginous Clay (Clay), Al. hyd. sil.
 Ferruginous Lithomarge (Lithomarge), Al. Fe. Ca. Mg. & K. hyd. sil.
 Ferruginous Opal (Opal), Si. hyd. oxide

- Ferruginous Quartz (Quartz), Si. & Fe. oxide
 Ferruginous Zinc Spar (Kapnite-Smithsonite), Zn. hyd. siliceous oxide
 Feitbol (Nantronite), Fe. hyd. sil. B.M. 46
 Fibroferrite, Fe. hyd. sulphate. 56
 Fibrolite (Bucholzite), Al. sil. 41
 Fibrous Blende (Blende), Zn. sulphide
 Fibrous Boulangerite (Boulangerite), Pb. & Sb. sulphide
 Fibrous Brown Hematite (Limonite), Fe. hyd. oxide
 Fibrous Quartz (Jaspery Quartz), Si. oxide. B.M. 23
 Fibrous Red Iron Ore (Hematite), Fe. oxide
 Fibrous Stypticite (Copiapite), Fe. hyd. sulphate
 Fichtelite (Resin), C. hydrated. 60B
 Ficinite, Fe. hyd. phosphate. 58
 Fieldite, Cu. Sb. & Zn. arsenio-sulphide
 Fiorite, or Pearl Spar (Opal), Si. hyd. oxide. B.M. 26.
 Fireblende, Ag. antimony-sulphide. B.M. 12.
 Fire Clay (Clay), Al. hyd. sil.
 Fire Opal (Opal), Si. hyd. oxide. B.M. 25.
 Fischerite, Al. hyd. phosphate. 58
 Flew Coal (Anthracite), C. oxy-hydride.
 Flexible Dolomite (Dolomite), Ca. & Mg. carb.
 Flexible Quartz (Quartz), Si. oxide. B.M. 23.
 Flexible Sandstone (Itacolumite—Granular Quartz), Si. oxide
 Flexible Silver Ore (Sternbergite), Ag. & Fe. sulphide
 Flint (Quartz), Si. oxide, B.M. 24
 Flint Coal (Anthracite), C. oxy-hydride
 Flint Nodule (Flint), Si. oxide
 Float Stone, or Swimming Quartz, (Quartz), Si. oxide B.M. 23
 Flos-Ferri (Arragonite), Ca. carb. B.M. 27
 Fluellite. Al. fluoride, B.M. 14
 Fluocerine, or Basicerine, Ce. basic fluoride, (*Watts*)
 Fluocerite, or Fluocerine, Normal cerous fluoride (*Watts*) B.M. 16
 Fluochlore (Pyrochlore), Ca. Ce. & c. niobate & titanate with F. and no water
 Fluor, or Blue John, Ca. fluoride B.M. 13, 14
 Fluor, fetid (Fluor), Ca. fluoride B.M. 13
 Foliated Copiapite (Copiapite), Fe. hyd. sulphate
 Fontainebleau Marble (Calcite), Ca. carb. B.M. 30
 Forcherite (Opal), Si. hyd. oxide B.M. 26
 Forsterite (Chrysolite), Mg. sil. B.M. 36 (var. Olivine)
 Fortification Agate (Agate), Si. oxide
 Fossil Caoutchouc, C. hydrated ?
 Fossil Coke, Native Carbon
 Fournelite (Tetrahedrite), Cu. & c. sulphide
 Fowlerite (Rhodonite), Mn. Ca. Fe. Mg. & Zn. sil. B.M. 38
 Froncolite, or Fluorapatite, (Apatite), Ca. phosphate B.M. 59
 Franklinite, Fe. Zn. & Mn. oxide B.M. 16
 Freibergite (Tetrahedrite), Sb. Ag. & c. sulphide
 Freislebenite, Ag. Pb. & Sb. sulphide. B.M. 12
 French Chalk (Steatite), Mg. hyd. sil.
 Fresh Water (Water), H. oxide & c. Rain & c. more or less impure
 Friable Lignite (Lignite), C. oxy-hydride
 Friable Lithomarge (Lithomarge), Al. hyd. sil.
 Frugardite (Idocrase), Ca. & Al. sil. B.M. 42
 Fuchsine, or Chromic Mica (Mica), Al. & K. hyd. sil. B.M. 44
 Fulgurite (Quartz), Si. oxide. 12
 Fuller's Earth, Al. hyd. sil.
 Funkite (Green Coccolite), Mg. & c. sil. B.M. 36 (var. Diopside)
 Fuscite (Pyrargillite), Al. sil.

- Fusible Hornstone (Orthoclase), Al. sil.
- Gabronite (Dipyre), Al. Ca. & Na. sil. B.M. 43
- Gabronite (Scapolite), Al. sil. } ?
Bristow
- Gadolinite, or Ytterbite, Y. Ce. & Fe. sil. B.M. 36
- Gahnite, or Automolite (Spinel), Al. & Mg. oxide &c. B.M. 16
- Galactite (Natrolite), Al. & Na. hyd. sil. B.M. 47
- Galapectite (Halloysite), Al. hyd. sil.
- Galena, or Potter's Ore, Pb. sulphide B.M. 6
- Galena Antimonial (Galena), Pb. & Sb. cupreous sulphide
- Gallizinite (Nigrine), Ti. oxide
- Gamsigradite (Hornblende), Mg. Al. &c. sil.
- Ganomateite (Pitticite), Fe. hyd. arsenate. B.M. 60 (syn. Chenoprolite, *Watts & Bristow*)
- Garnet, Al. Ca. &c. silicate, B.M. 42
- Gaylussite, or Natrocalcite, Na. & Ca. hyd. carb. B.M. 34
- Gedrite (Hydrous Anthophyllite), Mg. Ca. Fe. &c. sil. B.M. 36
- Gehlenite, Ca. & Al. hyd. sil. 42
- Gekrösstein (Anhydrite), Ca. sulphate
- Gelbeisenerz (Jarosite), Fe. hyd. sulphate
- Geoceraïn (Lignite Resin), C. hydrated
- Geocronite (Galena), Pb. antimony-sulphide, B.M. 11
- Geode (Agate), Si. oxide
- Geode, or Potatoe Stone (Quartz), Si. oxide & Ca. carb.
- Gersdorffite (Nickel-Glance), Ni. arsenio sulphide, with Fe. & Co. B.M. 10
- Geyserite, Si. hyd. oxide
- Gallio antico, or Yellow Sienna Marble (Calcite), Ca. carb.
- Gibbsite, Al. Native hydrate. B.M. 18 (var. Hydrargillite)
- Gieseckite (Pinite), Al. sil. 43
- Gigantolite (Pinite), Al. sil. 43 ?
- Gilbertite (Margorodite—Mica), Al. hyd. sil. & K. (?) B.M. 49 (var. Margarite)
- Gillingite (Hisingerite), Fe. hyd. sil. B.M. 50
- Giobertite (Magnesite), Mg. carb. B.M. 32 (var. Dolomite) ? syn. Magnesite
- Gismondine, Abrazite, or Zeagonite, Al. K. & Na. hyd. sil. B.M. 47
- Glagerite (Halloysite), Al. hyd. sil. B.M. 46
- Glaserite, Aphthitalite, or Arcanite, K. & Na. sulphate. B.M. 54
- Glassy Actinolite (Tremolite—Hornblende), Mg. Ca. &c. sil.
- Glassy Asbestos (Asbestos—Actinolite), Mg. Ca. &c. sil.
- Glassy Felspar, or Sanidin, (Orthoclase), Al. sil. B.M. 45
- Glanbapatite (Apatite), Ca. phosphate. B.M. 59
- Glauber Salt, Na. hyd. sulphate
- Glauber Salt Water (Mineral Water) H. oxide, with Na. sulphate in solution
- Glauberite, Na. & Ca. sulphate. 54
- Glaucodote (Mispickel), Fe. & Co. sulphoarsenide. B.M. 10
- Glaucolite (Scapolite), Al. sil. 43
- Glaconite, Al. sil. ?
- Glaucophane, Fe. Al. Mg. & Ca. sil. ? Wichtyne
- Glinkite (Chrysolite), Mg. sil. B.M. 36 (var. Olivine)
- Globular Quartz (Quartz), Si. oxide
- Glockerite, Fe. sulphate. *Wat's*
- Glossecollite (Halloysite), Al. hyd. sil. B.M. 46
- Glottalite (Analcime), Al. hyd. sil. B.M. 48
- Glottalite (Chabasite), Al. hyd. sil. ?
- Gmelinite, Hydrolite, Sarcolite of *Thom.*, or Soda Chabasite, Al. hyd. sil. B.M. 48
- Gökumite (Idocrase), Ca. & Al. sil. B.M. 42
- Gold native, Au. & Ag. B.M. 2
- Congylite (Eudnophite-Analcime), Al. hyd. sil. B.M. 48
- Goshenite (Beryl), Al. sil. B.M. 46

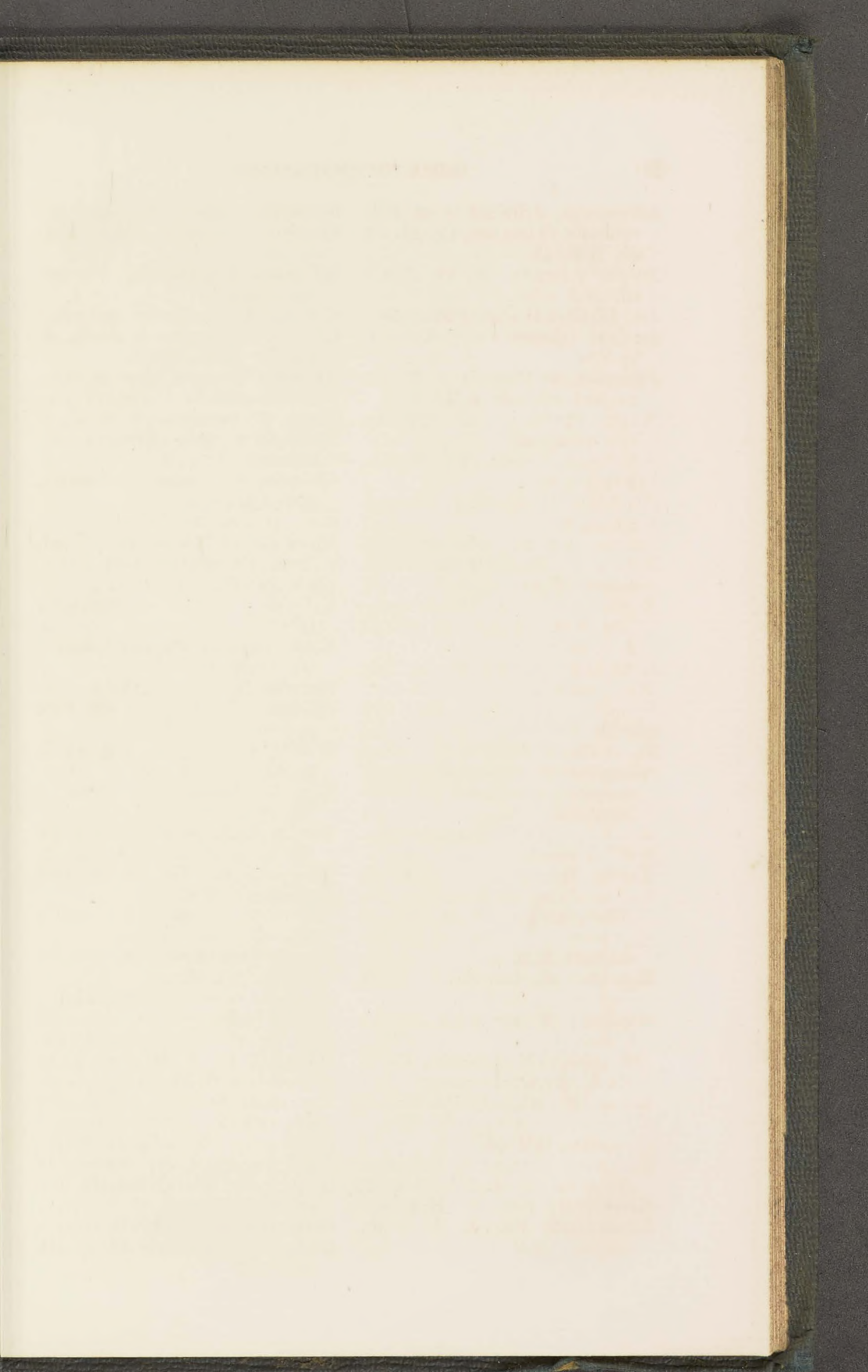
- Goslarite, or Zinc Vitriol, Zn. hyd. sulphate. B.M. 55
 Gossan, Fe. oxide, &c. (Cornish.)
 Göthite, Brown Hematite, Brown Iron Ore, or Limnrite, Fe. hydrated sesquioxide
 Goutte de Sang (Spinel), Al. &c. oxide
 Gouttes d'eau (Topaz), Al. fluosilicate
 Grain Gold (Gold), Au. & Ag.
 Gramenite (Pinguite—Nontronite), Fe. hyd. sil. B.M. 46
 Grammatite (Tremolite-Hornblende) Mg. Ca. &c. sil.
 Granular Boulangerite (Boulangerite), Pb. & Sb. sulphide
 Granular Dolomite (Dolomite), Ca. & Mg. carb.
 Granular Gypsum (Gypsum), Ca. hyd. sulphate
 Granular Heavy Spar (Barytes), Ba. sulphate
 Granular Marble (Calcite), Ca. carb.
 Granular Quartz (Jaspery-Quartz), Si. oxide. B.M. 23
 Graphic Granite, or Pegmatite (Orthoclase), Al. sil. B.M. 45
 Graphit Schaumartiger Wad (Wad), Mn. hyd. oxide
 Graphite, Plumbago, or Black Lead, C. with Fe. &c. B.M. 3
 Graugiltigerz (Tetrahedrite), Cu. &c. sulphide
 Gray Silver Ore (Pyrargyrite), Ag. & Sb. sulphide
 Greasy Quartz (Milky-Quartz), Si. oxide
 Green Avanturine (Avanturine-Quartz), Si. oxide
 Green Calamine (Aurichalcite), Zn., &c., hyd. carb.
 Green Coccolite (Pyroxene), Mg. sil.
 Green Diallage (Amianthus), Mg. Ca. &c. sil.
 Green Earth (Augite—Pyroxene), Mg. &c. sil. B.M. 37
 Green Iron Ore (Dufrenite), Fe. hyd. phosphate
 Green Lead Ore, Pb. arseniophosphate with Pb. chloride, (*Watts*) ? Mimetite
 Green Lithomarge, (Lithomarge), Al. K. Fe. Mg. & Ca. hyd. sil.
 Green Malacolite (Pyroxene), Mg. &c. sil.
 Greenlandite (Columbite), Fe. tantalate
 Greenlandite (Precious Garnet) Al. Mg. &c. sil. & Fe. oxide
 Greenockite, Cd. sulphide. B.M. 7
 Greenovite (Sphene), Ti. & Ca. sil. B.M. 51
 Grengesite (Chlorite), Mg. & Al. hyd. sil. B.M. 50
 Groppite, Al. & Mg. hyd. sil. 47
 Grorokite (Wad), Mn. oxide, ? hyd.
 Grossularite, Grossular, or Glossular (Garnet), Al. Ca. &c. sil. B.M. 42
 Grünauite, Ni. & Bi. sulphide. 12
 Grünerite, (Hedenbergite), Fe. Mg. &c. sil. B.M. 37.
 Guano, Ca. & Mg. hyd. phosphate, with Ca. carb.
 Guarinite, (Keilhauite), Ca. silicotitanate (*Watts*). B.M. 52
 Gummierz (Pitchblende), U. Ca. &c. hyd. oxide
 Gurhofite (Dolomite), Ca. & Mg. carbonate. B.M. 32
 Guyacanite (Enargite), Cu. arseniosulphide
 Guyaguillite (Resin), C. hydrated
 Gypsum, Ca. hyd. sulphate. B.M. 55 (syn. *Selenite*)
 Gyrsol of *Kirwan* (Oriental Sapphire—Corundum), Al. oxide
 Gyrolite, Gurolite, or Gurholite, Ca. hyd. sil. B.M. 39
 Hacked Quartz (Quartz), Si. oxide. B.M. 23
 Hafnefjordite, or Hafrefjordite, Oligoclase, Al. sil. B.M. 44
 Hardingerite, Ca. hyd. arsenate. B.M. 57
 Hair Nickel
 Hail, (Water), H. oxide with Ammonia &c. frozen
 Hair, Nickel
 Hairsalt (Alum), Al. hyd. sulphate, B.M. 56
 Hallite (Websterite), Al. hyd. sulphate
 Halloysite, Al. &c., hyd. ne B.M. 46

- Halloysite of St. Jean-de-Cole, (Nontronite), Fe. Ca. Mg. Na. &c. hyd. sil.
 Halotrichite (Alum), Al. Fe. &c. hyd. sulphate. B.M. 56
 Hampshireite (Steatite — Talc), Mg. hyd. sil.
 Hard Fahlnite (Fahlnite—Iolite), Al. sil.
 Hard Pimelite (Pimelite), Ni. hyd. sil.
 Hard Water H. oxide with much salts of Ca. & Mg.
 Harmotome, Andreolite, or Cross Stone, Al. Ba. & K. hyd. sil. B.M. 48
 Harringtonite, (Mesolite), Al. hyd. sil. B.M. 47
 Harrisite, or Cubic Copper Glance, Cu. sulphide, B.M. 5
 Hartine (Resin), C. hydrated ? Hartite.
 Hartite (Resin), C. hydrated 60B.
 Hatchettine (Resin), C. hydrated. B.M. 60B.
 Hauerite, Mn. bisulphide, B.M. 8
 Hausmannite, or Black Manganese, Mn. hyd. protoxide B.M. 16
 Häuyne, Al. & Na. sil. B.M. 51
 Häuynophyr, lava of Melfi, containing Häuyne & Augite
 Haydenite (Chabasite), Al. & Ca. hyd. sil. B.M. 48
 Hayesine, Ca. hyd. borate. B.M. 56
 Hayesite, Ca. borate
 Haytorite, (Jaspery Quartz), Si. oxide. B.M. 24
 Hebetine (Willemite), Zn. sil.
 Heddlite, K. native oxalate
 Hedenbergite (Pyroxene ?), Mg. &c. sil. B.M. 37. (species).
 Hedgehogstone (Limonite), Fe. hyd. oxide
 Hedyphane (Mimetesite), Pb. arseniochloride, B.M. 60 (species)
 Heliotrope, or Bloodstone (Jaspery Quartz), Si. oxide, B.M. 24
 Helminth, (Chlorite), Mg. & Al. hyd. sil.
 Helmintholite (Limestone), Ca. carb. Helvine, or Tetrahedral Garnet, Al. Be. Fe. & Mn. sil. B.M. 50
 Hematite, Hoematite, or Red Iron Ore, Fe. sesquioxide, B.M. 17, 18.
 Hepatic Blende (Blende), Zn. sulphide
 Hepatic Cinnabar (Cinnabar), Hg. sulphide. B.M. 7
 Hepatic Pyrites, (Marcasite), Fe. sulphide
 Hepatinerz, (Chrysocolla), Cu. hyd. sil.
 Hepatite (Barytes), Ba. sulphate. B.M. 55
 Hercinite, or Hercine, (Spinel), Fe. & Mg. oxide. B.M. 16
 Herderite, Al. phosphate, & Ca. phosphate & fluoride) (Watts)
 Herrerite, of Genth, Zn. & Cu. carb
 Herrerite, of Herrera, Te. & Ni. carb. (Watts)
 Herschelite, Al. Na. K. & Ca. hyd. sil. B.M. 48
 Hessite, or Telluric Silver, Ag. telluride, B.M. 5. (syn. Petzite).
 Heterocline, Heterochine or Marcelline (Rhodonite), Mn. Fe. &c. sil. B.M. 38
 Heteromerite (Idocrase), Ca. & Al. sil.
 Heteromorphite, Plumosite, or Zundererz, Pb. antimony sulphide B.M. 12 (species)
 Heterosite, or Hetepozite. Fe. & Mn. hyd. phosphate B.M. 57 (? altered Triphylline).
 Heulandite Al. & Ca. hyd. sil. 49.
 Hexagonal Palladium, Pd.
 Hercine (Resin), C. hydrated
 Hisingerite, Fe. hyd. sil. B.M. 50.
 Hislopit (Calcite), Ca. carb. 31
 Hitchcockite (Plumboseresinite), Pb. hyd. aluminophosphate with Zn. oxide, B.M. 58
 Hjelmite, Fe. & Y. tantalate. ?
 Hornesite, or Hoërnisite, Mg. hyd. arsenate
 Holmesite, (Clintonite), Al. & Mg. hyd. sil. B.M. 49. (syn. Clintonite)

- Homocline, or Homichline, Cu. & Fe. sulphide. B.M. 12 (syn. Barnhardtite)
- Hoo Coal (Cannel Coal), C. oxy-hydride.
- Hopeite, Zn. & Cd. hyd. phosphate
- Horncobalt (Erythrine), Co. hyd. arsenate.
- Hornblende, Amphibole or Amphibolite, Mg. Ca. & c. sil. B.M. 37.
- Hornesite, Mg. hyd. arsenate, 57
- Hornstone (Quartz), Si. oxide. 23
- Houghite (Völknerite), Mg. hyd. aluminocarbonate. B.M. 16
- Hovite, Al. & Ca. hyd. carb. with Collyrite. (*Watts*)
- Howardite (Meteorite), Fe. & c.
- Hudsonite (Augite — Pyroxene), Mg. & c. sil. B.M. 37
- Humboldtite, Somervillite of Brooke, or Zurlite, Ca. Al. Mg. Na. & c. sil. B.M. 42
- Humite, Mg. & c. sil. with F. 36
- Hunterite, Al. & c. sil.
- Hureaulite (Triplite altered form), Fe. & Mn. hyd. phosphate, B.M. 57. (*species*)
- Huronite, Al. Ca. & c. hyd. sil. 50
- Hversalt, (Alum), Al. Fe. & c. hyd. sulphate. B.M. 56
- Hyacinth, or Jargon, (Zircon), Zr. sil. B.M. 20
- Hyalite, (Opal), Si. hyd. oxide. 25
- Hyalomelane (Tachylite), Al. & Fe. sil.
- Hyalophane, Al. Ba. & K. sil. 44
- Hyalosiderite (Chrysolite), Mg. Fe. & c. sil. B.M. 36 (*species*)
- Hyblite (Pseudomorph after Augite), Fe. hyd. sil.
- Hydrated Calcium Aluminophosphate, Ca. & Al. hyd. phosphate (*Church*)
- Hydrated Cereous Phosphate, Ce. hyd. phosphate (*Church*)
- Hydrargillite (Gibbsite), Al. native hydrate, B.M. 19 (*species*)
- Hydraulic Limestone (Calcite), Ca. carb.
- Hydroapatite (like Chalcedony), Ca. hyd. phosphate, & F.
- Hydroboracite, Ca. & Mg. hyd. borate. B.M. 56
- Hydrobucholzite (Bucholzite—Sillimanite), Al. sil. ? altered Kyanite, B.M. 41
- Hydrocalcite, Ca. & c. hyd. carb.
- Hydrochlore (Pyrochlore), Ca. Ce. & c. niobate & titanate, with water
- Hydrodolomite (Hydromagnocalcite) Ca. & Mg. hyd. carb. B.M. 34
- Hydrohalite, Na. hyd. chloride
- Hydrohematite, Fe. hyd. oxide
- Hydromagnesite, Mg. hyd. carb. 34
- Hydromagnocalcite, Mg. & Ca. hyd. carb. B.M. 34
- Hydronickelmagnesite, or Pennite (Hydromagnocalcite), Mg. & Ca. hyd. carb. with Ni.
- Hydrophilite, Ca. hyd. chloride
- Hydrophane (Opal), Si. hyd. oxide. B.M. 25
- Hydrophite, Iron Gymnite, or Jenkinsite, Mg. & Fe. hyd. sil. 40
- Hydropite, Mn. sil. & oxide
- Hydrosilicate (Augite—Pyroxene), Mg. Ca. Al. & c. hyd. sil.
- Hydrosteatite, (Steatite—Talc), Mg. hyd. sil. B.M. 39
- Hydrotalcite (Völknerite), Mg. hyd. aluminocarbonate
- Hydrous Anthophyllite (altered Tremolite), Mg. hyd. sil. B.M. 36
- Hydrous Pyrites (Marcasite), Fe. hyd. sulphide
- Hypargyrite (Miargyrite), Ag. & Sb. sulphide. B.M. 12
- Hypersthene, or Labrador Hornblende (Pyroxene), Mg. & c. sil. ? Labradorite with Diallage. 39.
- Hypochlorite, Bi. Al. & Fe. silicophosphate. B.M. 50
- Hyposclerite (Albite), Al. & Na. sil. B.M. 45
- Hypostilbite, Al. & Ca. hyd. sil. (? hydrated Lime-Oligoclase).
- Hyposulphite of Magnesia (Meteorite), Mg. & c. hyposulphite
- Hyposulphite of Soda (Meteorite) Na. & c. hyposulphite
- Hypoxanthite, Fe. sil.
- Hystatite (Ilmenite), Fe. titanate 18

- Hystatque, Ca. carb.
 Iberite, (altered Iolite), Al. Fe. &c. hyd. sil.
 Ice, H. peroxide with organic and other impurities, frozen
 Ice Spar, (Orthoclase), Al. sil.
 Iceland Spar, (Calcite), Ca. carb. 29
 Ichthyophthalmite, or Fish eye-Stone (Apophyllite), Ca. hyd. sil. B.M. 39
 Idocrase, Vesuvian, or Pyramidal Garnet, Al. Ca. &c. sil. B.M. 42
 Idrialite, or Idrioline (Resin), C. hydrated. B.M. 60 B.
 Idrialine Cinnabar (Cinnabar), Hg. sulphide
 Idryl, of *Bödeker*, C. hydrated
 Iglesiasite (Cerussite), Pb. carb. 28
 Ildefonsite (Columbite), Fe. & Mn. niobite
 Ilmenite, Basanomelane, or Titaniferous Iron, Fe. titanate, B.M. 18
 Ilmenorutile (Rutile), Ti. oxide
 Imatra Stones, Ca. Al. &c. sil.
 Indianite (Anorthite), Al. Ca. &c. sil. B.M. 44
 Indian Red, Fe. &c. sil.
 Indian Topaz, (Topaz), Al. fluo-silicate
 Indicolite (Tourmaline), Al. sil. 50
 Indurated Talc, Mg. hyd. sil.
 Inolyte (Resin), C. hydrated
 Iodolite (Meteorite), Fe. &c.
 Iodyrite, Iodic Silver, or Iodite, Ag. iodide, B.M. 13
 Iolite, Cordierite, Dichroite, Polychroite, Steinheilite, or Peliom, Al. Mg. Fe. &c. sil. B.M. 43 (*Dichroite*)
 Iolite Hydrous, (Iolite), Al. &c. hyd. sil.
 Iridiscent Anthracite (Anthracite) C.
 Iridosmine, or Osm-Iridium. Ir. Os. Ru. Ro. &c. B.M. 3
 Irite, Ir. Os. Fe. & Cr. oxides (*Watts*), B.M. 16
 Iron-Alum (Alum), Al. Fe. &c. sulphate
 Iron-black-Bournonit ?, (Bournonite) Pb. Cu. & Sb. sulphide
 Iron, carbonophosphate of, *Thom.* Fe. carb.
 Iron Earth, Fe. oxide
 Iron Flint (Quartz), Si. oxide
 Iron Froth, (Hematite), Fe. oxide. B.M. 17
 Iron Glance (Specular Iron Ore—Hematite), Fe. oxide, B.M. 18
 Iron Magnesia Carbonate, of *Thom.* Fe. carb. &c.
 Iron Mica (Micaceous Iron—Hematite), Fe. oxide
 Iron Native, Fe.
 Iron Natrolite (Natrolite), Al. & Na. hyd. sil. &c.
 Iron Ochre (Limonite) Fe. hyd. oxide. B.M. 17
 Iron Phosphate of *Thom.* , Fe. & Mn. phosphate ?
 Iron-sand Ore, Fe. sil. ?
 Ironshot Copper Green (Chrysocolla), Cu. hyd. sil.
 Iserine, Fe. titanate. B.M. 16
 Isopyre, Fe. alumino-silicate. 43
 Itaberrite, (Hematite), Fe. oxide
 Itacolumite (Granular Quartz), Si. oxide
 Ittnerite, Al. Ca. &c. hyd. sil. with Na. chloride & Ca. sulphate. 51
 Ivaarite or Iwaarite, (Schorlomite), Ca. Fe. &c. silico-titanate. 52
 Ixiolite (Tantalite), Fe. tantalate with Sn. & Mn.
 Ixolyte (Resin), C. hydrated. 60 B.
 Jacksonite, Ca. & Al. hyd. sil. 47
 Jalpaite, Ag. & Cu. sulphide
 Jamesonite, Pb. antimon-sulphide, B.M. 12
 Jargionite, Pb. antimon-sulphide
 Jargoon, (Zircon), Zr. sil. B.M. 20 (*syn. Hyacinth*)
 Jarosite, Fe. K. &c. hyd. sulphate, B.M. 56
 Jasper (Quartz), Si. oxide. 23
 Jasper Agate (Agate) Si. oxide
 Jasper Opal (Opal), Si. hyd. oxide. B.M. 26
 Jaspersy Iron Ore (Hematite), Fe. oxide
 Jaulingite (Resin), C. hydrated
 Jeffersonite (Hedenbergite-pyroxene), Ca. Fe. Mg. Mn. & *Zn.* sil. B.M. 37

- Jefreinowite, Jefreinoffite or Jewreinowite, (Idocrase), Ca. Al. &c. sil. B.M. 43
 Jellelite (Garnet), Al. Fe. & Ca. sil. ?
 Jet (Lignite), C. oxy-hydride. 60A
 Jet Coal (Cannel Coal), C. oxy-hydride
 Johannite, or Uranvitriol, U. Cu. &c. hyd. sulphate, B.M. 56
 Johnite (Turquoise), Al. Cu. &c. hyd. phosphate
 Johnstonite, (Galena), Pb. sulphide, with free S.
 Junckerite (Chalybite), Fe. carb. (*Ansted*)
 Juvenas Meteorite (Meteorite), Fe.
 Kabook of *Ceylon* (Hematite), Fe. oxide (*Ure*)
 Köemmererite, or Rhodochrome (Pennine), Al. Mg. &c. hyd. sil. B.M. 49
 Kakachlor (Asbolan-Wad), Mn. hyd. oxide
 Kaliphite (Limonite), Fe. hyd. oxide
 Kaliptolite of *Shepard*. ? Garnet.
 Kampylite (Mimetesite), Pb. arseniochloride & phosphate. B.M. 60. (*syn. Mimetesite*)
 Kalkvolbörthite (Völborthite), Cu. & Ca. vanadate
 Kaneite, Mn. arsenide. B.M. 4
 Kaolin, China or Porcelain Clay (Clay), Al. &c. hyd. sil. B.M. 46
 Kapnicite, or Felsöbanyte, Al. hyd. sulphate, B.M. 56
 Kapnite (Calamine) Zn. Fe. & Mn. carb.
 Karelinitite, Bi. oxy-sulphide & Ag. telluride
 Keilhanite, or Yttrotitanite, Ca. Y. Fe. Al. &c. silico-titanate. 52
 Kenngottite, Ag. sulphide. B.M. 12
 Keramohalite (Alunogen), Al. hyd. sulphate, B.M. 56
 Kermesite, Kermes, or Red Antimony, Sb. oxy-sulphide, B.M. 26
 Kerolite, Mg. hyd. sil. B.M. 50
 Kibdelophane (Ilmenite), Fe. & Mn. titanate. B.M. 18
 Kieselghur (Tripoli), Si. oxide ?
 Kieserite (Epsomite), Mg. hyd. sulphate. B.M. 53
 Kilbrickenite (Geocrinite), Pb. antimonosulphide
 Killinite, Al. K. Fe. &c. hyd. sil.
 Killinite, (Spodumene)?, Al. Li. & Na. sil. B.M. 37, ?
 Kilpatrick Quartz of *Thom*. Si. oxide
 Kimitotantalite, or Ixiolyte (Tantalite), Fe. tantalate. B.M. 57
 Kimmeridge Shale (Bitumen), C. hydrated ?
 Kinzigite of *Fischer*, ? Garnet, Mica & Oligoclase
 Kir, C. hydrated
 Kirwanite, Fe. Ca. & Al. hyd. sil. (? var. Greenerth), B.M. 50
 Knebelite, Mn. & Fe. sil.
 Kobellite, Pb. Sb. & Bi. sulphide. B.M. 12
 Kokscharovite (Hornblende), Mg. &c. sil. B.M. 38
 Konarite, Ni. hyd. phosphate. 58
 Königine (Brochantite), Cu. hyd. sulphate. B.M. 56
 Könlite, or Könleinite, (Resin), C. hydrated. B.M. 60B
 Koodilite (Thomsonite), Al. Ca. & Na. hyd. sil.
 Koreite (Labradorite), Al. Fe. Ca. Mg. & hyd. sil.
 Köttigite, Zn. Co. & Ni. hyd. arsenate. B.M. 57
 Koupholite, (Prehnite), Al. & Ca. hyd. sil. B.M. 47
 Krablite (Orthoclase), Al. Na. Fe. &c. sil. B.M. 45.
 Krantzite (Resin), C. hydrated ? B.M. 60B
 Kraurite, or Green Ironstone (Dufrenite), Fe & Mn. hyd. phosphate. B.M. 58. (*species.*)
 Kremersite (Sylvine), Fe. K. &c. hyd. chloride
 Kreitonite, or Black Spinel (Spinel) Al. Zn. Fe. & Mg. oxide. 16
 Krisuvigite, (Brochantite), Cu. hyd. sulphate
 Kroeberite Fe. subsulphide, with Co.
 Krokallite, (Natrolite), Al. & Na. hyd. sil.



- Kuhnite, or Magnesian Pharmaco-
 lite, Ca. Mg. & Mn. arsenate,
 B.M. 57
 Kunker, (Tufa), Ca. carb. with
 silica.
 Kupferblende (Tennantite), Cu. Zn.
 Fe. & c. arseniosulphide
 Kupferdiaspore (Phosphocalcite),
 Cu. hyd. phosphate, B.M. 38.
 Kupferpecherz (Chrysocolla), Cu.
 & Fe. hyd. sil.
 Kupferchwärze or Black Copper,
 (Melaconite ?), Cu. oxide, impure
 Kyanite, Cyanite, or Disthene, Al.
 sil. B.M. 41.
 Kymatine (Asbestos), Mg. Ca. &
 Fe. sil. B.M. 37.
 Kypholite (Serpentine), Mg. & c.
 hyd. sil.
 Kyrosite, or White Copper, (Marca-
 site), Fe. Cu. & As. sulphide. 8
 Labradorite, or Moraite, Al. Ca.
 Na. & c. sil. B.M. 44
 Lagonite, Fe. & c. hyd. borate
 Lampadite or Cupreous Manganese
 (Wad), Mn. & Cu. sil.
 Lanarkite, Pb. sulphato-carbonate.
 B.M. 56
 Lancasterite, Mg. & c. carb. (? Bru-
 cite & Hydromagnesite). B.M. 34
 Landscape Jasper (Jasper) Si. oxide
 Landscape or Cotham Marble (Cal-
 cite), Ca. carb. B.M. 31
 Langite, Cu. hyd. sulphate, B.M. 56
 Languedoc Marble (Shell Marble),
 Ca. carb.
 Lanthanite, La. & Di. carb. ? hyd.
 B.M. 34. (Formerly, Co. carb.)
 Lanthanocerite, Ce. & La. hyd. sil.
 Lapis Lazuli. Azure Stone, or Ul-
 tramarine, Al. Na. Ca. Fe. & c.
 hyd. sil. with sulphuric acid
 Larderellite, Ammonia hyd. borate,
 B.M. 56
 Lardite, (Agalmatolite), Mg. & c.
 hyd. sil.
 Lasionite (Wavellite), Al. & c. hyd.
 phosphate. B.M. 58
 Latrobite, or Diploite, (Anorthite),
 Al. Ca. K. Fe. & Mg. hyd. sil.
 B.M. 44
 Laumonite, Ædelforsite of *Retzius*,
 Hypostilbite of *Mallet*, or Lau-
 montite, Al. & Ca. hyd. sil. 48
 Laurite, Ru. sesquisulphide, with
 Os. sulphide
 Lavendulane, Co. Cu. Ca. hyd.
 arsenate & sulphate ? B.M. 57
 Lazulite, Azurite, Klaprothine, or
 Blue Malachite, Al. Mg. Fe. &
 Ca. hyd. phosphate. B.M. 58
 Lead and Copper chromo-phosphate
 (Vauquelinite), Pb. Cu. & P.
 chromate
 Lead & Copper vanadate of
Domeyko, Pb. & Cu. vanadate
 Lead & Zinc, sulphide of *D. Forbes*,
 Pb. & Zn. sulphide
 Lead Earth, Pb. carb., impure ?
 Lead, Native, Pb. B.M. 2
 Lead Trismolybdate of *Thom.* Pb.
 molybdate ?
 Leadhillite, Pb. sulphato-tricarbo-
 nate, B.M. 56
 Lead Ochre, Pb. native protoxide,
 B.M. 15
 Lead Oxychloriodide, *D. Forbes*
 Leberblende (Blende), Zn. sulphide
 with C. ?
 Lecontite, Na. K. & Ammonia, hyd.
 sulphate
 Ledererite, (Gmelinite), Al. Ca. &
 Na. hyd. silico-phosphate
 Lederite (Sphene), Ca. silico-tita-
 nate, B.M. 51
 Leedsite, Ca. & Ba. sulphate,
 (? Gypsum & Barytes)
 Leelite (Orthoclase), Al. & Mn.
 hyd. sil. B.M. 45
 Lebachite, or Lehrbachite, Hg. &
 Pb. selenide. B.M. 8
 Lechantite (Natrolite), Al. Na. & Ca.
 hyd. sil. B.M. 47
 Lemnian Reddle (Sphragide), Al.
 Fe. & c. hyd. sil.
 Lenticular Clay Iron-ore (Hematite),
 Fe. oxide
 Lenzenite (Halloysite), Al. hyd. sil.
 B.M. 46
 Lenzenite of *Salvetat*. (Brown Len-
 zenite), Al. hyd. sil.
 Leonhardtite (Laumontite), Al. &
 Ca. hyd. sil., B.M. 48

- Leonine (Agate), Si. oxide
 Leopardite or Leopard Stone (Orthoclase), Al. sil. with Fe. & Mn. oxide. B.M. 45
 Lepidochlore (Ripidolite), Mg. &c. hyd. sil. ; ? impure Chlorite
 Lepidokrokite (Göthite), Fe. & Mn. hyd. oxide. B.M. 18
 Lepidolite or Lithia Mica, (Mica), Al. Fe. Ca. & Li. hydro-fluo-silicate. B.M. 44
 Lepidomelane, or Black Iron Mica, (Mica), Al. Fe. Ca. &c. hyd. sil.
 Lepolite (Amphodilite-Anorthite), Al. Ca. Mg. &c. sil. B.M. 44
 Lettsomite, or Velvet Copper, Cu. Al. &c. hyd. sulphate. B.M. 56
 Leuchtenbergite (Pennine), Mg. Al. & Fe. hyd. sil. B.M. 50
 ? var. Chlorite.
 Leucite, or Amphigene, Al. & K. sil. B.M. 44
 Leuco-Garnet (Garnet), Al. &c. sil.
 Leucophane, Ca. Be. Na. &c. fluo-silicate. B.M. 36
 Leucopterin (Lignite resin), C. hydrated ?
 Leucopyrite, Fe. arsenide & S.
 Leutrite (Marl), Al. hyd. sil.
 Levyne (Chabasite), Al. Ca. K. & Na. hyd. sil. B.M. 48.
 Lherzolyte (Sahlite — Pyroxene), Mg. &c. sil.
 Liebigite, U. & Ca. hyd. carb. 34
 Liebnerite, or Liebenerite, (Iolite), Al. K. &c. hyd. (?) sil. B.M. 43. (var. Dichroite)
 Lievrite, Ilvaite, Pitchy-Iron-ore, or Yenite, Fe. Ca. &c. sil. 43
 Light Gray Bournonite (Bournonite), Pb. Cu. & Sb. sulphide
 Lignite (Coal), C. oxy-hydride. B.M. 60A.
 Lignite Resin, C. hydrated
 Ligurite, Ca. Al. &c. sil.
 Lillite (Hisingerite), Fe. hyd. sil. 50.
 Limbelite (Chrysolite), Mg. &c. sil. B.M. 36 (var. Olivine)
 Limestone (Calcite), Ca. carb.
 Lime Vanadate, Ca. vanadate. 53
 Limonite, or Hydrosiderite, Fe. & Si. hyd. oxide. B.M. 19
 Linarite, or Cupreous Anglesite, Pb. cupreous hyd. sulphate, B.M. 56
 Lincolnite, (Heulandite), Al. Ca. &c. hyd. sil.
 Lindackerite, Cu. & Ni. &c. hyd. arsenate B.M. 60
 Linncoite, or Siegenite, Co. Cu. & Fe. sulphide. B.M. 10
 Linsayite or Linseite, (Amphodelite), Al. Fe. Mg. K. & Na. hyd. sil. B.M. 44.
 Liquirite (Sphene), Ca. silico-titanate
 Liroconite, or Chalcophacite, Cu. Al. &c. hyd. phosphate & arsenate B.M. 59
 Lithomarge (Kaolin), Al. hyd. sil. B.M. 46
 Loam (Clay), Al. &c. hyd. sil.
 Loboite (Idocrase), Ca. Al. Fe. &c. sil. B.M. 42
 Lodulite (Orthoclase), Al. sil.
 Löewigite, Al. & K. hyd. sulphate?
 Loganite (Pyrosclerite), Mg. Al. & Fe. hyd. silico-carbonate?
 Lölingite, Fe. arsenide. B.M. 4
 Lonchidite (Marcasite), Fe. Cu. Co. Pb. & As. sulphide. B.M. 8
 Lophoite (Ripidolite), Mg. Al. & Fe. hyd. sil. B.M. 49
 Lotallite (Hornblende ?) Mg. Ca. &c. sil.
 Löweite, Löveite, or Lœwite, Mg. & Na. hyd. sulphate. B.M. 55
 Lucullite (Limestone), Ca. carb.
 Loxoclase (Orthoclase), Al. Na. K. & Ca. hydrofluosilicate
 Lumachella, or Fire Marble (Shell Marble), Ca. carb. B.M. 31
 Lunnite (Phosphocalcite), Cu. hyd. phosphate. B.M. 50. (*syn.*)
 Luscite (Pyrargillite), Al. &c. sil.
 Lydian Stone, Basanite, Lydite, Black Chert, Phthamite (?), (Jaspersy Quartz), Si. oxide. 23
 Madrepore Marble (Shell Marble), Ca. carb.
 Magnesia Alum (Alum), Al. Mg. &c. hyd. sulphate, B.M. 56 (*syn. Pickeringite*)
 Magnesia Garnet (Garnet), Al. Mg. &c. sil.

- Magnesia, potash silicate of, *Thom.*
 Mg. Ca. &c. sil.
 Magnesian carbonate of Lime (Calcite), Ca. & Mg. carb.
 Magnesian Iron Ore (Hematite), Fe. & Mg. oxide
 Magnesian Limestone (Dolomite), Ca. & Mg. carb. B.M. 32
 Magnesian Pharmacolite (Pharmacolite), Ca. & Mg. hyd. arsenate. B.M. 57 (*syn.*)
 Magnesite, Sepiolite, or Giobertite, Mg. hyd. carb. &c. B.M. 31
 Magnetite, Magnetic or Oxydulated Iron Ore, Fe. oxide, B.M. 16
 Magnetite titaniferous (Magnetite), Fe. & Ti. oxide
 Magnet Native, Fe.
 Magnoferrite, Fe. Mg. Cu. &c. oxide. B.M. 17
 Malachite, or Green Carbonate of Copper, Cu. hyd. carb. B.M. 35
 Malachite Lime, (Malachite), Cu. & Ca. hyd. carb. B.M. 35
 Malacolite (Diopside - Pyroxene), Mg. &c. sil. B.M. 36
 Malacone, Zr. hyd. silico-titanate, B.M. 20
 Malthacite (Halloysite), Al. Fe. &c. hyd. sil. B.M. 46
 Mancinite, Zn. sil.
 Mangan Amphibole (Rhodonite), Mn. Ca. & Mg. sil.
 Manganese Alum (Alum), Al. Mn. &c. hyd. sulphate. B.M. 56
 Manganese Black Silicate, Mn. hyd. sil. ?
 Mangano-magnesia-alum (Alum), Al. Mn. & Mg. hyd. sulphate
 Manganese Blende, or Alabandite, Mn. sulphide, B.M. 6 (Alabandite)
 Mangan Epidote (Epidote), Al. Ca. & Mn. sil. B.M. 43.
 Manganese Idocrase (Idocrase), Al. Ca. & Mn. sil.
 Manganite, or Grey Manganese, Mn. hyd. sesquioxide. B.M. 18
 Manganoalcite, Mn. Ca. Mg. & Fe. carb. B.M. 28
 Manganopal Opal. Si. hyd. oxide
 Manganvitriol, Mn. sulphate
 Marasmolite (Marmatite—Blende) Zn. sulphide
 Marble, (Calcite), Ca. carb.
 Marcasite, cellular, hepatic, radiated, or white iron-pyrites, Fe. sulphide. B.M. 8
 Marcelline (Braunite), Mn. &c. oxide. ? B.M. 17
 Marekanite (Obsidian), Al. sil. B.M. 45
 Marcyllite, Cu. oxy-chloride
 Margarite, Diphanite, or Talcite, Al. Ca. K. Na. &c., hyd. sil. B.M. 49
 Margarodite or Potash Mica (Mica), Al. K. Fe. & Na. hyd. sil. 44
 Margode ? (*Bristow*)
 Marianglass (Transparent Gypsum) Ca. hyd. sulphate
 Mariatite (Blende), Zn. & Fe. sulphide with Cd.
 Marionite (Zinc Bloom), Zn. hyd. carb.
 Marl (Clay), Al. hyd. sil.
 Marle (Calcite), Ca. carb. 31 ?
 Marmatite (Blende), Zn. sulphide. 5
 Marmolite (Serpentine), Mg. hyd. sil. B.M. 40
 Martinsite (Salt), Na. chloride. & Mg. sulphate. B.M. 13
 Martite, Fe. oxide
 Mascagnine, Ammonia sulphate. B.M. 54
 Masonite (Sismondine), Al. & Fe. hyd. sil. B.M. 49
 Massite (Diopside), Mg. &c. sil.
 Massive Boulangerite (Boulangerite), Pb. & Sb. sulphide
 Massive Gehlenite (Mellite), Ca. sil.
 Massive Quartz (Quartz), Si. oxide. B.M. 23
 Matlockite, Pb. oxy-chloride. 15
 Mauillite (Labradorite), Al. Ca. sil.
 Meadow Ore (Bog Iron-ore—Limonite), Fe. hyd. oxide
 Medjidite (Uranochre), U. & Ca. hyd. sulphate, B.M. 56
 Meerschäum, Mg. hyd. sil. B.M. 39
 Meerschäum of *Sala* (Serpentine), Mg. hyd. sil.
 Meerschäum of *Taberz* (Serpentine), Mg. hyd. sil.

- Megabromite, Ag. chlorobromide
 Meionite, Al. & Ca. sil. B.M. 43
 Melaconite, or Black Oxide of
 Copper, Cu. & Mn. oxide. 15
 Melanchlore (Dufrenite), Fe. & Mn.
 hyd. phosphate. B.M. 58
 Melanchyme (Resin), C. hydrated.
 B.M. 60. B.
 Melanhydrite (Palagonite), Al. Fe.
 Ca. & Mg. &c. sil. B.M. 50
 Melanite (Garnet), Al. Fe. Ca. &c.
 sil. B.M. 42
 Melanochroite, Phœnicite, or Phœ-
 nikochroite, Pb. sesquichromate, 53
 Melanolite (Hisingerite), Fe. Ca.
 &c., hyd. sil. B.M. 50
 Melaphyre (Pyroxene), Mg. &c. sil.
 Melinite, or Liver Opal (Opal), Si.
 hyd. oxide. B.M. 26
 Melinite, Al. hyd. sil. B.M. 46
 (*syn. Bole*) ?
 Melinophane, Ca. Al. Be. &c., sil.
 B.M. 36
 Mellilite (Humboldtite) Ca. Al.
 Fe. Mg. &c. sil. B.M. 42
 Mellite (Resin), C. hydrated
 Mellite, or Honeystone, Al. hyd.
 mellate. B.M. 60 B.
 Melopsite (Lythomarge), Al. hyd.
 sil. B.M. 46. (*var. Halloysite*)
 Melosark ?
 Menacannite (Ilemnite), Fe. titanate
 B.M. 18
 Mendipite, Pb. oxy-chloride. 15
 Meneghinite (Jamesonite), Pb. & Sb.
 sulphide. B.M. 11
 Mengite, or Ilmenite of *Brooke*, Fe.
 & Zr. titanate. B.M. 52
 Mercury Native, or Quicksilver, Hg.
 B.M. 3
 Merenosite Ni. sulphate
 Meroxene (Biotite), Al. Mg. Fe.
 K. &c., hyd. sil. B.M. 44
 Mesitine Spar (Brunnerite—Dolo-
 nite), Mg. Fe. & Ca. carb. 32
 Mesolite, or Lime & Soda Mesolite,
 Al. Ca. & Na. hyd. sil. B.M. 47
 Metachlorite, Fe. Al. &c. hyd. sil.
 Metalloidal Diallage (Hypersthene),
 Mg. &c. sil.
 Metaxite (Serpentine), Mg. hyd. sil.
 B.M. 40.
 Metaxorite, Al. Ca. & Fe. hyd. sil.
 Meteoric Dust Fe. Al. Ti. Mn. Ca.
 Mg. K. Na. & Cu. (*Watts.*)
 Meteoric Iron, Generally an alloy of
 Fe. Ni. Co. Cr. Cu. Mn. Sn. and
 sometimes C. Cl. P. S. &c.
 Meteorites, Ærolites, or Uranolites,
 Fe. Ni. &c. &c.
 Meteoric Mud, fell near Gotha in
 1815—gelatinous and smelt like
 S. & P. & quickly evaporated
 Meteoric Stones, chiefly mixtures of
 Olivine, Augite, Anorthite, Labra-
 dorite, &c. with, or without
 Meteoric Iron.
 Miargyrite, Ag. Sb. & Cu. sulphide.
 B.M. 12.
 Mica, Al. Mg. K. Fe. &c. sil. 44
 Micaceous Iron (Specular Iron-ore—
 Hematite), Fe. oxide.
 Michaelite (Siliceous Sinter—Opal),
 Si. hyd. oxide. B.M. 26.
 Microbromite, Ag. bromochloride.
 Microline, or Orthose (Orthoclase),
 Al. sil. B.M. 45.
 Microlite (Pyrochlore), Ca. Ce. U.
 &c. titano-niobite. B.M. 52
 Middletonite (Resin), C. hydrated.
 Miemite (Bitter Spar—Dolomite),
 Ca. & Mg. carb. B.M. 32.
 Miesite, or Brown Pyromorphite
 (Pyromorphite), Pb. phosphate,
 B.M. 60.
 Milk Opal (Opal), Si. hyd. oxide.
 Milky Quartz (Quartz), Si. oxide.
 B.M. 22.
 Millerite, Hair-Nickel or Capillary
 Pyrites, Ni. (Fe. & Cu.) sulphide.
 B.M. 8.
 Miloschin (Wolchonskoite), Al.
 Cr. &c. hyd. sil.
 Mimetite, Mimetite, or Mimetite,
 Pb. arsenio-phosphate, B.M. 60.
 Mineral Carbon, or Mother of Coal
 (Coal), C.
 Mineral Charcoal. C. nearly pure
 Mineral Tar (Petroleum), C. hyd-
 rated.
 Mineral Water, H. oxide, containing
 various mineral substances, as Mg.
 K. Na. &c.

- Minium, or Red Lead, Pb. native oxide. B.M. 16.
- Miocene Pitch Coal (Lignite), C. oxy-hydride.
- Mirabilite (Glauber-Salt ?), Na. hyd. sulphate. B.M. 55 (*species*).
- Misenite, K. hyd. sulphate. B.M. 54.
- Mispickel, or Arsenical Pyrites, Fe. sulpho-arsenide. B.M. 10.
- Mispickel nickeliforous (Mispickel), Fe. & Ni. sulpho-arsenide
- Mist (Water), H. oxide, Ammonia, &c. &c.
- Misy, Fe. Zn. Mg. &c. hyd. sulphate. B.M. 56
- Mizzonite (Meionite), Al. Ca. Na. K. & Mg. sil. B.M. 43
- Mocha Stone (Agate), Si. oxide. 25
- Moffrasite (Bleineirite), Pb. hyd. (?) antimonite
- Mohsite, Fe. titanate
- Molybdänsilber (Tetradymite), Bi. & Ag. telluride, with S.
- Molybdate of Iron, Fe. molybdate
- Molybdenite, Mo. bisulphide. 9
- Molybdine, or Molybdic Ochre. Mo. oxide. B.M. 26
- Monazite, or Edwardsite, Ce. La. & Th. phosphate. B.M. 57
- Monazitoid (Monazite), Ce. &c. phosphate. B.M. 57
- Monradite, Mg. Fe. &c., hyd. sil.
- Monrolite (Sillimanite), Al. & Fe. hyd. sil. B.M. 41
- Monticellite (Chrysolite), Ca. & Mg. sil. B.M. 36. (*Var Olivine*)
- Montmorillonite, Al. Ca. Fe. Mg. & Na., hyd. sil.
- Moonstone (Adularia—Orthoclase), Al. &c., sil. B.M. 45.
- Morass Ore (Bog Iron-ore), Fe. hyd. oxide
- Mordenite, Al. Ca. & Na. hyd. sil.
- Morenosite, Ni. hyd. sulphate.
- Morion, or Black Quartz (Quartz), Si. oxide
- Moroxite (Apatite), Ca. &c. phosphate. B.M. 59
- Morvenite (Harmotome), Al. & Ba. hyd. sil. B.M. 48
- Morpholites of Sweden, Ca. Carb.
- Mosandrite, Ca. Ce. La. Di. &c., silico-titanate. B.M. 52
- Moss Agate (Agate), Si. oxide
- Mossotite (Arragonite), Ca. & Sr. hyd. carb. B.M. 27.
- Mother of Diaspore (Agalmatolite), Al. hyd. sil.
- Mountain Cork (Asbestos), Mg. Ca. &c., sil. B.M. 37.
- Mountain Leather (Asbestos), Mg. &c., sil. B.M. 37
- Mountain Meal, or Berghmehl, Al. & Fe. hyd. sil.
- Mountain Milk, or Melosark (Calcite), Ca. Carb.
- Mountain Pasteboard (Mountain Leather) Mg. &c., sil.
- Mountain Silk (Asbestos), Mg. sil.
- Mountain Soap Al. Fe. Mn. Ca. & Mg. hyd. sil.
- Mountain Wood (Asbestos), Mg. &c., sil. B.M. 37
- Mourolite Ca. oxalate & carbonate.
- Mullicite (Vivianite), Fe. hyd. phosphate. B.M. 57.
- Murchisonite (Orthoclase), Al. & K. sil. B.M. 15
- Muriacite (Anhydrite in broad crystals), Ca. sulphate. B.M. 54 (*Syn Anhydrite*)
- Muromontite (Allanite), Y. Fe. Ce. Be. &c. sil.
- Muscovite, or Phengite, (Mica), Al. K. &c. hyd. sil. B.M. 44
- Mussite (Diopside), Mg. &c. sil. B.M. 36
- Myelin (Lithomarge), Al. &c. sil.
- Mysorine, Ca. & Fe. silico-carbonate. ?
- Nacrite of *Thom.* Al. & Fe. hyd. sil. ? Talcite
- Nacrite of *Vauquelin* (Mica), Al. K. Fe. & Ca. sil. B.M. 42
- Nagyagite, Black or Foliated Tellurium. Pb. Au. &c. sulphotelluride. B.M. 8
- Nail-headed copper-ore (Copper Glance), Cu. sulphide
- Nail-headed Spar (Calcite), Ca. carb.
- Napoleonite (Hornblende) Mg. &c. sil. B.M. 38

- Naptha C. hydrated, B.M. 60A
 Naphthadil (Naptha), C. hydrated
 Native Calcite (Calcite), Ca. carb.
 Native Carbon, see Fossil Coke. C.
 Native Nickleiferous Iron (Native Iron), Fe. & Ni.
 Native Silver, Massive, Arborescent & Filiform (Native Silver), Ag. B.M. 1 & 2
 Native Steel Iron (Native Iron) Fe.
 Native Vermillion (Cinnabar), Hg. sulphide
 Natrocalcite (Calcite, pseudomorph after Gaylussite), Ca. carb. & sulphate. B.M. 34. (*syn. Gaylussite*)
 Natrolite, or Soda Mesotype, Al. Na. & Ca. hyd. sil. B.M. 47
 Natron, Na. hyd. carb. B.M. 34
 Naumannite, Ag. Selenide. B.M. 5
 Necronite (Orthoclase), Al. K. &c. sil. B.M. 45
 Nectique Quartz (Quartz), Si. oxide. B.M. 23
 Needle Tin (Cassiterite), Sn. oxide
 Nematite (Brucite), Mg. &c. hydrate B.M. 15
 Neoctese (Scorodite), Fe. hyd. arsenate. B.M. 58
 Neolite, Mg. Al. &c. hyd. sil. B.M. 50 ? var. Talc.
 Neotokite, Mg. Mn. & Fe. hyd. sil. ? altered form of Rhodonite
 Neotype (Natrocalcite), Ca. carb. with Ba. sulphate
 Nepaulite, Cu. Fe. &c. oxide
 Nepheline, Al. Na. K. &c. sil. B.M. 44
 Nepholite (Chiolite), Al. & Ca. fluoride
 Nephrite, Jade, or Axestone, (Tremolite), Mg. Ca. &c. sil. B.M. 38
 Nertschinskite (Halloysite), Al. hyd. sil. B.M. 46
 Neurolite, Al. Ca. &c. hyd. sil.
 Newkirkite (Pyrolusite), Mn. hyd. oxide. B.M. 21
 Nickel, Antimonial (Nickel Glance) Ni. & Sb. sulphide, B.M. 41 (*syn. Breithauptite*)
 Nickel, Antimonio-arsenical (Nickel Glance), Ni. & Sb. arsenide
 Nickel Arsenical (Nickel Glance), Ni. arsenide. B.M. 4. (*syn. Placodine*)
 Nickel-Bournonite (Bournonite), Pb. Cu. & Sb. sulphide, B.M. 11
 Nickel & Cobalt hydro-bibasic arsenate. (*D. Forbes*)
 Nickel, Emerald, Ni. hyd. carb.
 Nickel-Glance, Ni. &c. sulphide. B.M. 10. ?
 Nickel-Gymnite (Deweylite, or Gymnite) Ni. Mg. &c. hyd. sil. 40
 Nickel Iron Pyrites (Pyrites), Fe. sulphide. B.M. 8.
 Nickel-Lincöite (Lincöite), Ni. & Co. sulphide
 Nickel Protoxide. B.M. 15
 Nickel, tribasic arsenate. B.M. 57
 Nickel Vitriol, Ni. hyd. sulphate
 Nickeline, or Copper Nickel, Ni. arsenide. B.M. 4
 Nicopyrite, (Pyrites), Fe. & Ni. sulphide. ?
 Nigrine (Rutile), Ti. oxide. 21
 Niobite (Columbite), Fe. & Mn. niobite. B.M. 52
 Nitrammite, Ammonia nitrate
 Nitratine, or Soda Nitre, Na. nitrate. B.M. 57
 Nitre, or Saltpetre, K. nitrate. 57
 Nitrocalcite, Ca. hyd. nitrate
 Nitromagnesite, Mg. hyd. nitrate
 Non-effervescent Chalybeate (Mineral water), H. oxide, with excess of sulphates
 Nontrenite, Chloropal (?) or Unghevarite, Fe. Al. &c. hyd. sil. 46
 Nordenskiöldite, Mg. Ca. &c. sil. B.M. 37. (? Hornblende)
 Norwich Mineral (Triphyline), Fe. phosphate
 Nosean, or Spinellane (Häuyne), Al. & Na. sil. & sulphate. B.M. 51
 Notite, (Palagonite) Fe. Mg. Al. & Ca. hyd. sil.
 Novaculite (Hornstone-Quartz), Si. oxide. B.M. 23
 Nova Mina (Topaz), Al. fluosilicate
 Nummalitic Marble (Shell Marble), Ca. carb. &c.
 Nussierite, Pb. & Ca. phosphate, with Pb. chloride, &c. B.M. 60. (? impure Pyromorphite).

- Nuttallite (Scapolite), Al. Ca. Na. &c. hyd. sil. B.M. 43
- Obsidian, Pitchstone, or Volcanic Glass, (Orthoclase), Al. &c. sil. B.M. 45
- Occidental Agate (Quartz), Si. oxide
- Ochran (Bole-Orthoclase), Al. hyd. sil. B.M. 46 (*var. Clay*)
- Ochreous Wad, Mn. oxide
- Ochroite (Cerite), Ce. hyd. sil. ?
- Odinite, (Mica), Al. Mg. &c. sil. ? B.M. 44
- Oesterdite (Malacone), Zr. silico-titanate. B.M. 20
- Ogcoite (Ripidolite), Mg. Al. & Fe. hyd. sil. B.M. 49
- Oil Coal (Coal), C. oxy-hydride
- Okenite, or Dysclasite, Ca. &c. hyd. sil. B.M. 39
- Oligoclase, or Soda Spodumene, Al. Na. K. & Ca. sil. B.M. 44
- Oligon Spar (Chalybite), Fe. carb. & protoxide & Mn. protoxide
- Olivene-ore, Acicular (Oliveneite). Cu. hyd. phosphoarsenate
- Olivinite, or Wood Copper, Cu. hyd. phosphoarsenate. B.M. 57
- Olivinite, Hematitic, (Oliveneite), Cu. &c. phosphoarsenate
- Olivinoid (Meteorite), Fe. &c.
- Olivine, or Peridot (Chrysolite), Mg. & Fe. sil. B.M. 36
- Omphacite (Sahlite-Diopside), Mg. &c. sil. B.M. 36
- Onegite (Göthite), Fe. hyd. oxide. B.M. 18
- Onicolo (Onyx-Agate), Si. oxide
- Onkosine (Agalmatolite), Al. K. Mg. &c. hyd. sil. B.M. 50
- Onofrite, Hg. seleniosulphide. B.M. 8.
- Onyx (Agate), Si. oxide. B.M. 25
- Onyx Marble (Calcite), Ca. carb.
- Oosite, (Iolite), Al. Mg. Fe. &c. sil. B.M. 43. (*var. Dichroite*)
- Opal, Si. hyd. oxide with K. Na. Ca. Mg. Al. or Fe, in small quantities. B.M. 25, 26
- Opalescent Sapphire (Sapphire-Corundum) Al. oxide, &c.
- Opaline Lenzinite (Lenzinite-Halloysite), Al. &c. hyd. sil.
- Ophiolite (Serpentine) Mg. hyd. sil. B.M. 40, (*syn. Serpentine*)
- Ophite (Serpentine), Mg. hyd. sil. B.M. 40. (*syn. Serpentine*).
- Opsimose (Rhodonite), Mn. sil. 39
- Orangite (Thorite). Th. Pb. & Ca. hyd. sil. B.M. 40
- Oravitzite (Halloysite), Al. &c. hyd. sil. B.M. 46
- Oriental Agate (Quartz), Si. oxide
- Oriental Alabaster (Calcite), Ca. carb.
- Oriental Amethyst (Sapphire), Al. oxide, &c.
- „ Aquamarine, do. do.
- „ Chrysolite, do. do.
- „ Emerald do. do.
- „ Hyacinth, do. do.
- „ Peridot, do. do.
- „ Ruby, do. do.
- „ Sapphire, do. do.
- „ Topaz, do. do.
- Oro Pudre, Au. Ag. & Pd.
- Orpiment, As. tersulphide. B.M. 9.
- Orthite, (Allanite), Ce. Al. Fe. La. Di. Be. Ca. Mg. & Y. hyd. sil. B.M. 43. (*species*)
- Orthoclase, or Felspar, Al. Ca. Na. &c. sil. B.M. 45
- Oserskite (Arragonite), Ca. carb.
- Osmelite (Pectolite), Al. Ca. Na. & K. sil. B.M. 39
- Osteocolla (Tufa), Ca. carb.
- Osteolite, Ca. phosphate. B.M. 57.
- ? *var. Apatite*
- Ostranite (Zircon), Zr. sil. B.M. 20
- Ostreocolla (Tufa), Ca. carb.
- Ottrelite, Al. Fe. & Mn. hyd. sil. B.M. 50
- Ounvarovite, or Owarowite (Garnet), Al. & Cr. sil.
- Owenite (? Thuringite). Fe. hyd. sil. B.M. 50. (*syn.*)
- Oxalite, or Humboldine, Fe. oxalate. B.M. 60 b.
- Oxhaverite (Apophyllite), Ca. K. &c. hyd. sil. B.M. 39
- Ozarkite (Thomsonite), Al. Ca. & Na. hyd. sil. B.M. 47
- Ozokerite (Resin), C. hydrated. B.M. 60b.
- Pachnolite Al. Ca. & Na. fluoride. B.M. 14
- Pacos, Fe. oxide
- Pagoda Stone (Limestone), Ca. carb.
- Paisbergite (Rhodonite), Mn. Ca. & Fe. sil. B.M. 38.

- Palagonite, Fe. Al. Ca. Mg. &c.
 hyd. sil. B.M. 50.
 Paligorskite, Al. Mg. & Cu. hyd. sil.
 Palladinite, Pd. oxide.
 Palladium Native, Pd.
 Palladium Ochre, Pd. oxide.
 Pallas Meteorite (Meteorite), Fe.
 &c. ?
 Palygorskite (Clay), Al. Mg. hyd.
 sil. B.M. 46.
 Paper Coal (Lignite). C. oxy-
 hydride.
 Paracolumbite, Fe. Al. & Ca. Mg.
 silico-titanate, ?
 Paragonite, Al. Na. & Fe. hyd. sil.
 (? Damourite).
 Paralagite, or Paralogite, (Scapo-
 lite), Al. Ca. & Na. sil. B.M. 43.
 Paraluminite, Al. hyd. sulphate,
 (? impure Websterite.)
 Paranthine (Scapolite), Al. Ca. Na.
 &c., hyd. sil. B.M. 43.
 Parasite, Mg. borate. ?
 Parastilbite (Heulandite), Al. Ca.
 &c., hyd. sil. ?
 Parathorite (Thorite), Th. hyd. sil.
 B.M. 40.
 Pargasite, or Noble Hornblende
 (Hornblende), Mg. &c., sil. 38
 Parisite. Ce. La. & Di. carb. with
 Ca. fluoride. B.M. 35.
 Parophite, from Canada (Agalma-
 tolite), Al. &c., hyd. sil.
 Passanite (Kaolin), Al. hyd. sil.
 Partschin, Ce. phosphate.
 Partschite (Meteorite), Fe., &c.
 Pateräite (Molybdenite), Mo. Co.
 & Bi. hyd. sulphide, B.M. 9
 Patina (Green or Blue-green Cop-
 per rust), Cu. carb. (*Watts*).
 Paulite (Hypersthene), Mg. &c. sil.
 B.M. 36.
 Pea Coal (Bituminous Coal), C.
 oxy-hydride.
 Pea Iron-ore (Bog Iron-ore), Fe.
 hyd. oxide. B.M. 19.
 Pearl Spar, (Bitter Spar—Dolomite),
 Ca. & Mg. carb. B.M. 32
 Pearl Stone (Orthoclase), Al. &c.
 sil. B.M. 45 (*syn. Spherulite*).
 Pearly Quartz (Milky Quartz). Si.
 oxide. B.M. 22.
 Peat (Lignite), C. oxy-hydride.
 Pectolite, or Stellite, Ca. & Na.
 hyd. sil. B.M. 39.
 Peganite (Wavellite), Al. hyd.
 phosphate. B.M. 58.
 Pegmatolite (Orthoclase), Al. & Na.
 sil.
 Pele's Hair (Obsidian), Al. &c. sil.
 B.M. 45.
 Pelhamite, (Quartz), Si. oxide.
 Pelicanite (Cimolite—Clay), Al.
 hyd. sil.
 Peliom (Iolite), Al. &c. sil. B.M.
 43 (*var. Dichroite*)
 Pelokonite (Cupreous Manganese—
 Wad), Mn. hyd. oxide. B.M. 19.
 (*var. Cobalt Ochre*).
 Pencalite of *Thom.* (Dolomite), Ca.
 & Mg. carb.
 Pencatite (Predazite—Hydromag-
 nocalcite), Ca. & Mg. hyd. carb.
 B.M. 34
 Pennine, Mg. Fe. & Al. hyd. sil.
 B.M. 49. ? *var. Chlorite*.
 Pentlandite (Eisennickelkies), Fe. &
 Ni. sulphide.
 Peperino (Tufa), Ca. Carb.
 Peplolite (Iolite), Al. Fe. & Mg.
 hyd. sil. B.M. 43. (*var. Dichroite*).
 Peponite (Tremolite—Hornblende),
 Mg. Ca. &c. sil. B.M. 37.
 Percylite, Pb. & Cu. hyd. chloride
 (*Watts*). B.M. 15.
 Periclase, Mg. & Fe. oxide. 15
 Periclase (Albite), Al. Na. K, &c.
 sil. B.M. 45.
 Peristerite (Albite), Al. & Na. sil.
 B.M. 45.
 Perofskite, or Perowskite, Ca. hyd.
 titanate. B.M. 51.
 Persbergite (Iolite), Al. Fe. &c.
 hyd. sil. B.M. 42. (*var. Dichroite*)
 Perthite (Felspar—Orthoclase), Al.
 K. Na. & Fe. sil. B.M. 45.
 Petalite, Al. Li. & Na. sil. 45
 Petrolene (Asphalt), C. hydrated.
 Petroleum (Bitumen), C. hydrated.
 B.M. 60 A. (*var. Naptha*)
 Petresilix (Impure Felspar), Al. sil.
 Petuntze (Orthoclase), Al. &c. sil.
 Petzite, Ag. telluride with Au.
 B.M. 5.

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- Pfaffite (Galena), Pb. & Sb. sulphide
Phacolite (Chabasite), Al. & Ca, hyd. sil. B.M. 48.
Pharmacolite, Ca. hyd. arsenate. B.M. 57.
Pharmacosiderite, or Cube Ore, Fe. hyd. arsenate. B.M. 58.
Phenakite, the Phenacite of *Dana*, Be. sil. B.M. 36.
Phillipsite, or Lime Harmotome, Al. K. & Ca. hyd. sil. B.M. 48.
Phlogopite, or Phlogolite (Mica), Al. Mg. & c. hyd. sil. B.M. 44.
Pholerite (Clay), Al. & c. hyd. sil.
Phosgenite, or Cromfordite. Pb. chloro-carbonate. B.M. 35
Phosphate of Lime and Copper (*D. Forbes*).
Phosphocerite, Ce. La. Di. Cu. & Co. phosphate, (? Cryptolite)
Phosphochalcite, or Lunnite, Cu. hyd. phosphate, B.M. 58
Phosphorite (Apatite), Ca. & Fe. hyd. phosphate. B.M. 59
Phosphorochalcite (Phosphochalcite) Cu. hyd. phosphate, ?
Photizite, or Tomosite, (Rhodonite), Mn. hyd. sil. & c. B.M. 38
Phthamite (Quartz), Si. oxide
Phyllin Glance, S. Sb. Te. Pb. Fe. & Au. (*Plattner*)
Phyllite (Sismondine), Al. Fe. & c. hyd. sil. B.M. 49
Phylloretine (Scheererite), C. hyd. rated
Physalite (Topaz), Al. fluosilicate
Piaucite, or Piauzite, (Resin), C. hydrated B.M. 60 B.
Pickeringite (Alum), Al. & Mg. hyd. sulphate, B.M. 56
Picolite (Spinel), Al. & Mg. oxide with Cr.
Picranalcime (Analcime), Al. & Mg. hyd. sil. B.M. 48
Picrolite (Serpentine) Mg. & c. hyd. sil. B.M. 40
Picromerite, Mg. & K. hyd. sulphate
Picropharmacolite (Pharmacolite), Ca. & Mg. hyd. arsenate
Picrophyll, Mg. & Fe. hyd. sil. B.M. 40
Picrothomsonite (Thomsonite), Al. & Ca. hyd. sil. B.M. 47
Picrosmine. Mg. hyd. sil. B.M. 40
Piddingtonite (Meteorite), Fe. Mg. & Ca. sil.
Piedmontite (Epidote), Ca. Al. & Mn. sil.
Pierre de Marmarosch, Ca. fluophosphate
Pierre de Tripes (Anhydrite), Ca. phosphate
Pigotite, Al. hyd. oxide. (? species)
Pigotite of Cornwall granite, Al. oxide & mudesous acid. (*Watts*)
Pihlrite of Sesstrom (Chlorite), Mg. & Al. hyd. sil. ?
Pimelite, Ni. & Mg. hyd. sil. 50
Pinguite (Nontronite), Fe. & c. hyd. sil. B.M. 46
Pink Opal (Opal), Si. hyd. oxide
Pinite (Iolite), Al. & K. hyd. sil. B.M. 43
Pinitoid, Al. K. Ca. & Mg. hyd. sil.
Piotine (Saponite), Mg. hyd. sil. B.M. 5. (*Syn.*)
Pipe Clay (Clay), Al. hyd. sil
Pipestone (Clay-slate), Al. & Na. hyd. sil.
Pisanite, Fe. cuprosulphate
Piscromerid, Mg. & Cu. sulphate
Pisiform Iron-ore (Göthite), Fe. hyd. oxide.
Pisolite (Calcite), Ca. concretionary carb. B.M. 31
Pisolitic Black Iron-ore (Psilomelane), Mn. hyd. oxide. with Fe. oxide.
Pisophalt (Bitumen), C. hydrated
Pissophane, Al. & Fe. hyd. sulphate. B.M. 60
Pistacite (Epidote), Al. Fe. & Ca. sil. B.M. 43
Pistomesite (Breunnerite), Ca. & Mg. carb. B.M. 32
Pitchblende, U. proto-peroxide, Pb. & Ca. Si. Fe. oxides, & c. B.M. 16
Pitch Opal (Common Opal), Si. hyd. oxide
Pitchstoue or Fluolite (Obsidian), Al. & c. sil. B.M. 45. (*Syn.*)
Pitchstone of Menil—Montant, the dark varieties of Menilite
Pitchy Copper-ore, Cu. & Fe. hyd. oxide. B.M. 40 (*Syn. Chrysocolla*)

- Pitkarandite (Actinolite), Mg. Ca. &c. sil. B.M. 38
- Pitticite, or Iron Sinter. Fe. hyd. arsenate. B.M. 60. (*var. Diadochite*)
- Pitticite, Fe. hyd. arsenato-sulphate
- Pittinerz (Pitchblende), U. &c. protoxide
- Pittinite (Impure Pitchblende), U. &c. protoxide
- Placodine, Ni. sulphoarsenide, with Co. & Cu. B.M. 4
- Plagionite, Pb. & Sb. sulphide, B. M. 12
- Planerite (Wavellite), Al. Cu. & Fe. hyd. phosphate. B.M. 58
- Plasma (Chalcedony-Quartz), Si. oxide. B.M. 24
- Plata Verde, Ag. native bromide.
- Platiniridium, Pt. & Ir.
- Platiniferous Grey Copper (Tetraedrite), Cu. Pt. &c. sulphide ?
- Platinum, Native, Pt. B.M. 2
- Plattnerite, Pb. oxide.
- Pleonaste, or Ceylonite, (Spinel), Al. Mg. &c. oxide. B.M. 16.
- Plinian (Mispickel), Fe. sulphoarsenide.
- Plinthite (Bole), Al. Fe. & Ca. hyd. sil. ? B.M. 46.
- Plombierite, Ca. hyd. sil. (*Watts*).
- Plumbiferous Blende (Blende), Zn. & Pb. sulphide
- Plumbocalcite (Calcite), Ca. & Pb. carb. B.M. 31
- Plumbroesenite, or Plomgomme, Pb. hyd. aluminophosphate. 58
- Plumose Gypsum (Gypsum), Ca. hyd. sulphate
- Plumose Mica, (Mica), Al. hyd. sil. with K. &c.
- Plumosite (Heteromorphite), Pb. & Sb. sulphide, B.M. 12. (*syn*)
- Polianite (Pyrolusite), Mn. proto-peroxide, &c. B.M. 21
- Pollux, Cs. & Al. hyd. sil. 48.
- Polyadelphite (Garnet), Fe. Ca. Al. Mn. & Mg. sil. B.M. 42:
- Polyargite (Anorthite), Al. sil. 44.
- Polybasite, Ag. & Cu. sulpharsenio-antimonite. B.M. 12.
- Polychroilite, Al. Mg. & Fe. hyd. sil. B.M. 43, (*var. Dichroite*).
- Polycrase, Zr. U. Y. Fe. &c. titanoniobite, B.M. 52.
- Polyhalite, Ca. Mg. K. & Na. hyd. sulphate. B.M. 56.
- Polyhydrite, or Thraulite (Hisingerite), Fe. hyd. sil. B.M. 52.
- Polylite (Pyroxene), Fe. Ca. &c. sil.
- Polymignite, Zr. Fe. Y. Mn. Ce. & Ca. titanate, B.M. 52.
- Polysphœrite (Apatite), Ca. phosphate ? B.M. 59.
- Polysphœrite, or Brown Lead Ore, Pb. & Ca. chloride. ? Pyromorphite.
- Polytelite (Tetraedrite), Cu. & Ag. sulphide with Hg.
- Polyxene (Platinum), Pt. Cu. Fe. Rh. Ir. Hg. Pd. & Au.
- Poonahlite, Al. & Ca. hyd. sil. 47.
- Porcelain Jasper (Jaspery Quartz), Si. oxide.
- Porcelain Spar, Al. & Ca. hyd. sil. B.M. 44
- Porpezite, or Gold Palladium (Gold), Au. & Pd. ; B.M. 2
- Porricine (Augite-Pyroxene), Mg. &c. sil. B.M. 37
- Portite, Al. Mg. &c. hyd. sil.
- Portor Marble (Limestone), Ca. carb.
- Potash Alum (Alum). Al. & K. hyd. sulphate.
- Potash Copperas (Jarosite), Fe. hyd. sulphate.
- Potstone, or Lapis Ollaris (Steatite), Mg. hyd. sil. B.M. 39
- Potter's Clay (Clay), Al. hyd. sil.
- Prase (Quartz), Si. oxide. B.M. 22
- Prase Opal (Opal), Si. hyd. oxide. B.M. 26
- Praseolite (Iolite), Al. Mg. &c. hyd. sil. B.M. 43 (*var. Dichroite*)
- Prasilite, of *Thomson*, Mg. hyd. sil. ?
- Prasine (Phosphochalcite), Cu. hyd. phosphate. B.M. 57
- Prasochrome, Ca. carb. & Cr. oxide.
- Precious Garnet (Garnet). Al. &c. sil. B.M. 42 (Almandine).
- Precious Opal (Opal), Si. hyd. oxide.
- Precious or Noble Serpentine (Serpentine), Mg. hyd. sil.
- Predazzite (Hydromagnocalcite), Ca. & Mg. hyd. carb. B.M. 34

- Pregrattite, Al. &c. hyd. sil. B.M. 50. ? Paragonite.
 Prehnite, or Chiltonite, Al. & Ca. hyd. sil. B.M. 47
 Prehnitoid, Al. Ca. Na. &c. hyd. sil. B.M. 43. (*syn. Dipyre.*)
 Prismatic Axinite (Axinite), Ca. sil.
 Prismatic Mica (Margarodite), Al. hyd. sil.
 Prosopite, Al. Ca. &c. hyd. fluoride, B.M. 14
 Protherite (Idocrase), Ca. & Al. sil. B.M. 12
 Protobastite, Fe. Al. Cr. Ca. & Mn. hyd. sil. (*Watts*).
 Proustite, Light Red Silver, or Arsenical Silver Blende, Ag. sulpho-arsenide. B.M. 12
 Preunnerite (Calcite), Ca. carb. 29
 Przibramite. (Göthite), Fe hyd. oxide. B.M. 18.
 Przibramite, Zn. sulphide.
 Psaturose, Ag. antimony-sulphide.
 Pseudo-apatite (Apatite), Ca. phosphate. B.M. 59.
 Pseudochrysolite (Obsidian), Al. sil.
 Pseudolibethenite, Cu. hyd. phosphate.
 Pseudonepheline (Nepheline) Al. sil. B.M. 44
 Pseudophite, Mg. hyd. sil. B.M. 50
 Pseudosteatite, Al. Mg. Fe. & Ca. hyd. sil.
 Pseudotalcite, Al. K. &c. sil.
 Pseudotriplite (Triplite), Fe. & Mn. phosphate. B.M. 57
 Psilomelane, or Compact Manganese ore, Mn. & Ba. hyd. oxide 19
 Pterolith, Al. Na. Fe. Ca. &c. sil.
 Pthamite (Jaspery Quartz), Si. oxide. ? Lydian Stone.
 Pufferite (Stilbite), Al. hyd. sil. B.M. 49 ? Globular Prehnite.
 Puleta of *Elba* (Micaceous Iron), Fe. oxide.
 Pumice (Orthoclase), Al. sil. ? hyd.
 Purging Saline Water (Mineral Water), H. oxide with Na. Mg. sulphates, &c.
 Puschkinite (Epidote), Al. Ca. Fe. &c. sil. ; B.M. 43
 Pycnite (Topaz), Al. fluosilicate B.M. 41
 Pycnotrope (Serpentine), Mg. hyd. sil. B.M. 40
 Pyralloite, (Iolite), Al. sil. B.M. 43 (var. Dichroite).
 Pyralloite Mg. &c. hyd. sil. ? altered Augite.
 Pyramidal Zircon (Zircon), Zr. sil.
 Pyrargillite (Iolite), Al. hyd. sil. B.M. 43 (var. Dichroite).
 Pyrrargyrite, Red or Ruby Silver, or Ruby Blende, Ag. & Sb. sulphide, B.M. 12
 Pyreneite (Melanite-Garnet), Al. Fe & Ca. sil. B.M. 42.
 Pyrgom (Sahlite), Mg. &c., sil. B.M. 36 (*syn. Diopside*)
 Pyrites, Iron Pyrites, or Mundie, Fe. sulphide, B.M. 8.
 Pyrochlore, Ca. C. &c. titanio-niobite, B.M. 52.
 Pyrochroite (Brucite), Mn. hyd. oxide.
 Pyroclaseite (Apatite), Ca. phosphate, B.M. 59.
 Pyroelectric Wavellite (Wavellite), Al. hyd. phosphate.
 Pyrolusite, or Prismatic Manganese ore. Mn. binoxide, B.M. 21.
 Pyromelane, Ni. hyd. sulphate, 55
 Pyromorphite, or Green Lead ore, Pb. phosphato-chloride, B.M. 60.
 Pyrope (Precious Garnet), Al. &c. sil. B.M. 42.
 Pyrophane (Semi-opal), Si. hyd. oxide.
 Pyrophyllite, Al. hyd. sil. B.M. 46.
 Pyropissite (Resin), C. hydrated. B.M. 60 B.
 Pyrophysalite (Topaz), Al. fluosilicate, B.M. 41.
 Pyroretine (Resin), C. oxy-hydride.
 Pyrorthite (Orthite—Allanite), Ce. Al. Fe. &c. hyd. sil. B.M. 43.
 Pyrosclerite, Mg. & Al. hyd. sil. B.M. 49. (var. *Clinochlore*)
 Pyrosiderite Göthite), Fe. hyd. oxide.
 Pyrosmalite, Fe. & Mn. hyd. sil. B.M. 50.
 Pyroxene, Mg. &c. sil. B.M. 36, 37. (*syn. Augite*).
 Pyrrhite, Zr. niobate, B.M. 52.

- Pyrrhotine, or Magnetic Pyrites, Fe. sulphide. B.M. 10.
 Quartz, Si. oxide. B.M. 21—25.
 Quartz Sinter (Quartz), Si. oxide, B.M. 26.
 Quellerz (Limonite), Fe. hyd. oxide.
 Quincite (Meerschaum), Mg. hyd. sil. B.M. 39.
 Radiated Pyrites (Marcasite), Fe. sulphide.
 Radiated Quartz (Quartz), Si. oxide, B.M. 23.
 Radiolite (Natrolite), Al. Ca. Na. &c. hyd. sil.
 Rahtite of *Shepard*, (underscribed).
 Rainbow Chalcedony (Chalcedony), Si. oxide.
 Rain, H. oxide, with carbonic, nitrous and nitric acids, &c.
 Rain, Earthy of *Thom.*; Ca. sil?
 Rain, Red of *Thom.*; Ca. sil?
 Rammelsbergite, or Chathamite, Ni. arsenide. B.M. 4.
 Ram Tin (Stream Tin), Sn. oxide
 Rancierite (Hausmannite), Mn. hyd. oxide with ferruginous clay.
 Rancierite Argentine (Rancierite), Mn. hyd. oxide.
 Randanite (Opal), Si. hyd. oxide. Chiefly soluble silica.
 Raphanosmite (Clausthalite), Pb. & Cu. selenide with Ag. &c. B.M. 8. (*syn. Tilkerodite*).
 Raphilite (Tremolite), Mg. Ca. &c. sil. B.M. 37 (var. Actinolite).
 Rastolite (Stilpnomelane), Fe. Al. & Mg. hyd. sil. B.M. 50.
 Ratholite (Pectolite), Ca. hyd. sil. B.M. 39.
 Ratoffkite (Fluor), Ca. fluoride
 Ranchkalk (Dolomite), Ca. & Mg. carb.
 Raumite, Fe. Al. & Mg. hyd. sil.
 Razoumoffskin (Clay), Al. & Ca. hyd. sil. B.M. 46.
 Realgar, or Red Orpiment, As. bisulphide, B.M. 9.
 Red Bole (Ferruginous Clay), Al. &c. hyd. sil.
 Red Cerussite (Cerussite), Pb. carb.
 Red Chalk, (Hematite). Fe. oxide.
 Red Clay Iron Stone of *Thom.* (Hematite), Fe. oxide.
 Red Hematite (Hematite), Fe. oxide.
 Red Iron Froth (Hematite). Fe. oxide.
 Red Ochre (Hematite), Fe. oxide.
 Reddle (Hematite), Fe. oxide.
 Refikite (Resin), C. oxy-chloride.?
 Reissacherite, Mn. Fe. & Ca. hyd. carb. with sand. (*Watts*).
 Remingtonite, Co. hyd. carb.
 Rensselaerite (Augite), Mg. &c. hyd. sil. B.M. 37.
 Resin, Hydrated Carbon, &c.
 Retinalite (Serpentine), Mg. hyd. sil.
 Retinite, Retinasphalt, or Resinite (Bitumen), C. hyd. B. M. 60 A.
 Retzbanyite, Bi. Pb. and Cu. sulphide
 Retzite (Laumontite), Al. hyd. sil. B.M. 48 (*syn. Ædelforsite*)
 Reussine, Na. Ca. & Mg. hyd. sulphate. B. M. 56
 Rhätzite or Rhætizite (Kyanite), Al. sil. B. M. 41
 Rhodalite (Bole), Al. sil. }
 (G. & L.) }
 Rhodalite, Fe. Al. Ca. & Mg. }
 hyd. sil. B. M. 50 }
 Rhodium Gold, Au. Ag. & Ro.
 Rhodizite, or Rhodicite, Ca. borate. B. M. 56
 Rhodochrome (Kammererite), Mg. Al. &c. hyd. sil. B. M. 49
 Rhodochrosite, Mn. carb. (*Watts*)
 Rhodonite, Rose Manganese, or Manganese spar, Mn. Ca. Fe. & Mg. sil. B. M. 38
 Rhodophyllite (Pyrosclerite), Mg. hyd. sil.
 Ribbon Agate (Agate), Si. oxide
 Ribbon Jasper, (Jaspery Quartz), Si. oxide.
 Riolite, Ag. selenide.
 Ripidolite, Mg. Al. Fe. &c. hyd. sil. M. B. 49
 Risigallo (Realgar), As. sulphide. 9
 Rittingerite, Ag. antimony sulphide. B. M. 12
 River Water, H. oxide, &c. &c.
 Rock Cork, or Mountain Cork (Asbestos), Mg. &c. sil.
 Rock Crystal (Vitreous Quartz), Si. oxide. B. M. 21

- Rock Salt, Na. chloride
 Rock Soap (Bole), Al. sil. B. M. 46
 (syn. Clay)
 Rock Wood (Asbestos), Mg. &c. sil.
 Rösserite, Fe. hyd. sil. B.M. 56 ?
 Roesslerite, Mg. hyd. arsenate
 Rolled Gold, Au. water-worn
 Roman-red-Jasper (Jaspery Quartz)
 Si. oxide
 Romanzovite (Cinnamon-stone —
 Garnet), Al. &c. sil. B. M. 42
 Romeine, or Roméite, Ca. Mn. & Fe.
 antimonate. B. M. 60
 Römerite, Fe. hyd. sil. B.M. 56
 Rose Garnet (Garnet), Al. sil. 42
 Rose Iron (Hystatite — Ilmenite),
 Fe. titanate
 Rose Iron Glance (Hematite), Fe.
 oxide. B. M. 17
 Rose Opal (Opal), Si. hyd. oxide.
 B. M. 26
 Rose Quartz (Quartz), Si. Oxide.
 B. M. 22
 Roselite, Co. hyd. arsenate. ? var.
 Erythrine
 Rosellane, Al. K. Ca. &c. hyd. sil.
 ? altered Anorthite
 Rosin Tin (Cassiterite), Sn. oxide
 Rosite (Anorthite), Al. &c. hyd. sil.
 B. M. 44. ? Rosellane
 Rothoffite (Garnet), Al. &c. sil. 42
 Rosstrevorite (Epidote), Al. &c. sil.
 Rottenstone, Al. sil. (G. & L.)
 Röttisite, or Roetisite, Ni. hyd. sil.
 B. M. 56
 Rubellane (Biotite), Al. Fe. Ca.
 Na. & K. sil. ? hyd. sil.
 B. M. 44. probably altered
 Biotite
 Rubellite (Tourmaline), Al. Mn. Li.
 Na. &c. sil. with Sassoline. ?
 B. M. 50.
 (Rubicelle—orange and red Spinel)
 Rubinglimmer (Göthite), Fe. hyd.
 oxide. B. M. 17
 (Ruby, a general name for several
 stones of different composition)
 Ruby Spinel (Spinel), Al. & Mg.
 oxide, &c. B. M. 16
 Ruddle, or Soft Hematite (Hematite)
 Fe. oxide
- Ruin Marble (Calcite) Ca. Carb.
 B. M. 31
 Rust, Fe. oxide
 Rutherfordite, Ca. titanate. B.M. 51
 Rutile, or Titanic Acid, Ti. oxide.
 B. M. 21
 Ryacolite, or Ice Spar, (Orthoclase),
 Al. & Na. sil. B. M. 45
 Saccharite (Andesine), Al. Ca. Na.
 &c. hyd. sil. (?)
 Safflorite (Smaltine), Co. Fe. & Bi.
 arsenide. B. M. 4
 Sagenite (Rutile), Ti. oxide
 Sahla-pseudomorph, Mg. hyd. sil.
 Sahlite (Diopside—Pyroxene), Ca.
 Mg. &c. sil. B. M. 36
 Sal Ammoniac, Ammonia, muriate
 and sulphate. B. M. 13
 Saline Efflorescence of Atacama, Na.
 sulphate
 Saline Water (Mineral Water), H.
 oxide with Na. K. &c.
 Salt Clay, Al. & Mg. sil. & carb.
 Salt, or Common Salt, Na. chloride.
 B. M. 13
 Salt, Grey, Red, Green, & White
 (Salt), Na. chloride
 Samarskite, or Uranotantalite, Fe.
 Y. &c. uranoniobite ? B.M. 52
 Sammetblende Göthite), Fe. hyd.
 oxide, B.M. 18. (Przibramite)
 Samoite, Al. Fe. Ca. & Mg. hyd. sil.
 Sandastros (Aventurine Quartz), Si.
 oxide.
 Sandstone-ore (Limonite), Fe. hyd.
 oxide.
 Santorine, Al. Fe. &c. sil. (Watts)
 Saponite, Figure Stone, Piotine, or
 Thalite, Mg. hyd. sil. B.M. 50.
 Saponite of Cornwall (Saponite),
 Mg. hyd. sil.
 Sapphire (Corundum), Al. oxide, &c.
 B.M. 17.
 Sapphire d'eau (Iolite), Al. sil.
 Sapphire Quartz (Quartz), Si oxide.
 Sapphirine, Al. Mg. Fe. &c., sil.
 B.M. 50.
 Sarancolin Marble (Shell Marble),
 Ca. carb. &c.
 Sarcolite, Ca. Al. and Na. sil. 42.
 Sard (Quartz), Si oxide.

- Sardonyx (Onyx), Si. oxide. 24.
 Sassoline, or Boracic Acid, Bo. hyd. oxide. B.M. 26.
 Satin Spar (Iceland Spar). Ca. carb. Satin Spar, or Fibrous Gypsum, (Gypsum), Ca. hyd. sulphate.
 Satin Spar, fibrous (Arragonite), Ca. carb. B.M. 27.
 Sättersbergite (Leucopyrite), Fe. arsenide.
 Saulpitite (Zoisite), Al. Ca. & Mg. sil. with Fe. oxide.
 Saussurite (Labradorite), Al. Ca. Mg. Na. sil. & Fe. oxide, B.M. 44.
 Savite, Al. Mg. & Na. hyd. sil. 50.
 Scacchite, Pb. selenide.
 Scale Gold, Native Gold in scales or flakes.
 Scaley Brown Iron Ore (Limonite), Fe. hyd. oxide.
 Scaley Red Iron Ore (Hematite), Fe. oxide.
 Scapolite, or Wernerite, Al. & Ca. hyd. sil. B.M. 43.
 Scarbroite, Al. hyd. sil. & Fe. peroxide, B.M. 46 (var. Allophane)
 Schaumkalk (Gypsum), Ca. hyd. sulphate.
 Scheeletine, Pb. tungstate, B.M. 53 (syn. Stolzite).
 Scheelite, or Tungsten, Ca. tungstate, or wolframiate. B.M. 53.
 Scheelite cupreous, Ca. & Cu. tungstate. *D. Forbes.*
 Scheererite (Resin), C. hydrated, B.M. 60 B.
 Schefferite, Ca. Mg. Mn. Fe. &c. sil.
 Schiller Spar (Diallage), Mg. Al. Fe. & Ca. hyd. sil. B.M. 40 (syn. Bastite.)
 Schlaken, Ca. Al. Mn. Mg. &c. sil.
 Schleritinite, or Skleritinite (Resin), C. hydrated.
 Schneiderite, Al. Ca. Mg. &c. hyd. sil.
 Schömite, Ca. & Mg. hyd. sulphate
 Schörl (Tourmaline), Al. &c. sil. & borate, with Fe. oxide, &c. 50
 Schorlomite, Ca. & Fe. titano-silicate. &c. B. M. 52
 Schreibersite, Fe. & Ni. phosphide. 4
 Schrötterite, or Opal Allophane, (Allophane), Al. &c. hyd. sil. 46
 Schulzite (Geocronite), Pb. & Cu. antimony-sulphide
 Schwarzerz, or Schwartzite, (Tetrahedrite), Cu. Hg. Fe. &c. antimony-sulphide.
 Schwarzgiltigerz (Tetrahedrite), Cu. Zn. &c. antimony-sulphide; 11
 Scolecite anhydrous, Al. & Ca. sil.
 Scolecite, Scolezite, or Lime Mesotype, Al. Ca. & Na. hyd. sil. B.M. 48
 Scolexerose (Labradorite), Al & Ca. hyd (?) sil.
 Scoritite, Al. Fe. & Ca. hyd. sil.
 Scorodite, Fe. hyd. arsenate, 58
 Scorza, or Skorza (Epidote), Al. &c. sil. B.M. 43
 Scotine, or Skotin (Bucklandite), Al. Fe. &c. sil.
 Scoulerite (Thomsonite), Al. Ca. & Na. hyd. sil.
 Scoulerite (Pipestone), Al. Na. &c. hyd. sil.
 Sea Water, H. oxide with Na. Mg. Ca. K. &c. sulphides & chlorides, & sometimes I. & Br.
 Seladonite (Augite), Mg. &c. sil. B.M. 37
 Selbite, Ag. & Sb. carb. with Cu. oxide.
 Selen-cobalt-lead (Clausthalite), Pb. & Co. selenide
 Selen-copper-lead of *Nicol*, Pb. & Cu. selenide
 Selenate of Lead, Pb. selenate ? hyd.
 Selenic-silver-lead (Clausthalite), Pb. & Ag. selenide ?
 Selenite (Gypsum), Ca. hyd. sulphate B.M. 55 (species)
 Selenium, Native, Se.
 Selenpalladite, Native Palladium, ?
 Selenquecksilberblei, Hg. & Pb. selenide ?
 Selsulphur, Se. & S. B.M. 4. (syn. *Volcanite.*)
 Séméline (Sphene), Ti. & Ca. sil.
 Semi-opal (Opal), Si. Al. & Ca. hyd. oxide, with Fe. peroxide B.M. 26

- Senarmontite, or Octahedral White Antimony, Sb. teroxide, B.M. 26
- Separtaria, nodular concretions of Argillaceous Limestone
- Sericite. (Margarodite-Mica), Al. K. Na. &c. sil. B.M. 44
- Sericolite, Ca. carb. (*Watts*)
- Serpentine, Ophite, or Ophiolite, Mg. &c. hyd. sil. B.M. 40
- Serpentine of Aker (Pyrosclerite?) Mg. hyd. sil.
- Serpentine asbestos (Serpentine), Mg. &c. hyd. sil.
- Serpentine, common, fibrous and foliated (Serpentine), Mg. &c. hyd. silicate.
- Serpentinite, Mg. &c. hyd. sil.
- Settling Stones (Copaline), C. hydrated
- Severite (Lenzinite-Halloysite), Al. hyd. sil. B.M. 46
- Sexangulite of *Breithaupt*, Pb. sulphide. (*Watts*)
- Seyberite (Clintonite), Al. & Mg. hyd. sil.
- Shepardite (Meteorite), Fe. &c.
- Shell Marble (Calcite), Ca. carb. &c.
- Siderite (Chalybite), Fe. carb.
- Siderite (Diamond), C. (*Emmanuel*)
- Siderite (Quartz), Si. oxide. B.M. 22
- Siderodote of *Breithaupt*, Fe. carb.
- Sideroschisolite, Fe. hyd. sil. B.M. 50 (*var Cronstedtite*)
- Sideroclepte of *Saussure* ?
- Siderconite (Calcite), Ca. carb.
- Siderferrite (Native Iron), Fe. hyd. oxide
- Siderographite, Fe. carb. (*Watts*)
- Sideromelane, Al. Fe. Ca. &c. sil. ? *var. Labradorite*. B.M. 50. (*syn. Tachylite*)
- Sideroplesite (Chalybite), Fe. & Mg. carb. & Fe. protoxide. B.M. 33
- Siderose, Fe. carb. ? Chalybite
- Siderosilicate, Fe. & Al. hyd. sil.
- Siderosbole (Bole), Al. &c. sil.
- Sieberite (Red Tourmaline), Al. &c. sil.
- Siegenite, or Cobalt-nickel-pyrites, (Linnæite), Co. Cu. Ni. & Fe. sulphide, B.M. 10 (*syn. Linnæite*)
- Sienna Earth, Fe. hyd. sil. (?)
- Sienna Marble (Limestone), Ca. carb.
- Silberphyllinglanz (Naumannite), Ag. selenide
- Silica Rock, or Fire Stone, Si. oxide. 30 to 70 per cent. soluble silica
- Siliceous Alkaline Water (Alkaline Water), H. oxide, with Na. carbonate and silicic acid united to an alkali
- Siliceous Sinter, or Geyserite (Opal and Cellular Quartz), Si. hyd. oxide. B.M. 26
- Silicite (Labradorite), Al. & Ca. sil. (? hyd.) & Fe. peroxide, B.M. 44
- Silicified Coral, Si. oxide
- Silicified Sponge, Si. oxide
- Silicified Wood, (Granular Quartz), Si. oxide.
- Sillimanite, Al. sil. B.M. 41
- Silver Arsenide of, *D. Forbes*, Ag. Fe. & Co. arsenide
- Silver arsenio-antimonide, Ag. Sb. & Fe. arsenide
- Silver, black, (Silver Glance), Ag. sulphide
- Silver Iodobromide, Ag. iodobromide. B.M. 13 (*Iodyrite*)
- Silver, native, Ag. E.M. 1, 2.
- Sinopite, Bolus or Rubrica (Bole) Al. &c. sil.
- Sinople (Jasper), Si. oxide. with Fe
- Sinter, incrustations from mineral waters
- Sismondine, Al. & Fe. hyd. sil. B.M. 49
- Sisserskite (Iridosmine) Ir. Os³.; or, Ir. Os⁴.
- Skleroklase, or Scleroclase, Pb. arsenio-sulphide
- Skogbölite (Tantalate), Fe. tantalate
- Skolopsite or Scolopsite, Al. Ca. Na. &c. with Sodalite (?) & sulphuric acid, B.M. 51
- Skorian of *Breithaupt*, or Modumite (Spinel), Al. Fe. &c. sil. (*Watts*)
- Skorilite, Al. Fe. & Ca. hyd. sil.
- Skutterudite, Co. & Fe. arsenide 4
- Slaggy Mineral Pitch (Asphalt), C. hydrated
- Slaglike Magnetic Iron (Iserine), Fe. titanate.
- Slate adhesive, Al. sil.

- Slate Coal, (Common Coal), C. oxy-hydride
- Slate Spar, or Schiefer Spar. Ca. carb. B.M. 30
- Slickensides (Galena) Pb. sulphide
- Sloanite, Al. Ca. Mg. &c. hyd. sil. B.M. 47. (var. L. umonite.)
- Smaltine, or Tin White Cobalt, Co. Fe. & Ni. arsenide, B.M. 4.
- Smaragdite (Actinolite), Mg. Ca. Fe. &c. sil.
- Smectite (Clay), Al. &c. hyd. sil. B.M. 46.
- Smectite (Halloysite), Al. hyd. sil(?)
- Smelite (Kaolin), Al. &c. hyd. sil.
- Smirgel (Corundum), Al. oxide, with Quartz & Magnetite.
- Smith Ore, (Limonite) Fe. hyd. oxide
- Smithsonite, or Electric Calamine, Zn. hyd. siliceous oxide, B.M. 40.
- Smoky Quartz (Quartz), Si. oxide, B. M. 22.
- Snow, H. peroxide, with carbonic acid, Ammonia &c., frozen.
- Snow, inflammable, C. oxy-hydride ?
- Snow, red, of Idria, Al. & Ca. sil. ?
- Soda Copperas (Jarrosite), Fe. & Na. hyd. sulphate
- Soda Table Spar (Pectolite), Ca. hyd. sil.
- Sodalite, Al. & Na. sil. with Cl. B.M. 50
- Soft-water (River &c. water), H. oxide with little salts of Ca. & Mg.
- Solfatarite, or Soda-alum (Alum) Al. & Na. hyd. sulphate, B.M. 56
- Sombrierite, Ca. & Al. hyd. phosphate ? Ca. Fe. &c. chloride. Not of constant composition. (*Chemical News*, ix. 16)
- Somervillite (Chrysocolla), Cu. &c. hyd. sil. B.M. 40
- Sordawallite, Al. Mg. & Fe. sil. or hyd. sil. (*Watts*). B.M. 50
- Spadaite, Mg. hyd. sil. B.M. 40
- Spaniolite, or Quicksilver Fahlerz (Tetrahedrite), Cu. Hg. &c. sulphide. B.M. 11
- Sparable Tin (Cassiterite), Sn. oxide. B.M. 20
- Spartaite, or Calcimangite, (Calcite) Ca. Mn. Mg. Fe. & Zn. carb. & Ca. fluoride (*Watts*)
- Spartalite, Native Zn. oxide, colored by Mn. oxide
- Spear Pyrites (Marcasite), Fe. sulphide. B.M. 8
- Specular-Galena, or Slickensides (Galena), Pb. sulphide.
- Specular Iron ore, or Oligiste (Hematite), Fe. oxide. B.M. 17
- Spessartine, or Manganese Garnet (Garnet), Al. Mn. &c. sil. 42
- Sphaerosiderite (Chalybite), Fe. hyd. carb. B.M. 33
- Sphaerostilbite (Stilbite), Al. & Ca. hyd. sil. B.M. 49
- Sphærolite, or Pearlstone (Pitchstone), Al. &c. sil. B.M. 45
- Sphene, or Titanite, Ca. silico-titanate, B.M. 51
- Sphenoclaste, Ca. Al. Mg. Fe. & Mn. sil. (*Watts*)
- Sphenomatite, or Sphenomite (Me-teorite), Fe. &c. ?
- Sphragide, or Sphragite (Clay), Al. hyd. sil.
- Spinel, Al. Mg. &c. oxide, B.M. 16
- Spinellane, (Nosean), Al. Na. Ca. &c. silicate & sulphate
- Spinthère (Sphene), Ca. silico-titanate, B.M. 51
- Splint-coal (Cannel Coal), C. oxy-hydride.
- Spodumene, or Triphane, Al. Li. Na. &c. sil. B.M. 37
- Sprudelstein (Arragonite), Ca. carb. B.M. 27
- Staffelite (Apatite), Ca. phosphato-carbonate. B.M. 59
- Stalactite (Calcite), Ca. carb.
- Stalactitic Limonite (Limonite), Fe hyd. oxide
- Stalactitic Manganese (Wad.), Mn. hyd. oxide.
- Stalactitic panniformes (Limestone) Ca. carb.
- Stalagmite (Calcite), Ca. carb.
- Stalagmitic Marble (Calcite) Ca. carb.
- Stangenspath (Barytes), Ba. sulphate B.M. 55
- Stannine, or Tin Pyrites, Sn. Cu. & Zn. sulphide. B.M. 11

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- Stannite, (Cassiterite), Sn. oxide
B.M. 20
- Star Sapphire, or Asteriod (Sapphire
Corundum), Al. &c. oxide
- Stassfurthite (Boracite), Mg. borato-
chloride. B.M. 56
- Stauroilite, Grenatite or Staurotide,
Fe. & Mg. sil. ? B.M. 41
- Steatite, or Soapstone (Talc), Mg.
hyd. sil. B.M. 39
- Steatöid, Pseudamorph Serpentine,
of Snarum, Norway.
- Steinbutter, or Stonebutter. Fine
clay at Kiffhausen said to be used
by quarrymen as *butter*
- Steinheilite (Iolite), Al. Mg. &c.,
sil. B.M. 39
- Steinmannite, Pb. antimony-sulphide.
B.M. 12
- Steinmark, Al. Na. &c. hyd. sil.
- Stellite (Pectolite), Ca. hyd. sil.
B.M. 39 (syn. Pectolite)
- Stephanite, or Black Brittle silver
ore, Ag. antimony-sulphide, 11
- Stephensonite, Cu. hydro-sulphato-
carbonate
- Stercorite, Na. &c. ammonio-hydric-
phosphate
- Sternbergite, Ag. & Fe. sulphide. 10
- Stibilite, Stibiolite, Stilbite or
Stibiconise, Sb. hyd. oxide.
B.M. 26 (Stilbite).
- Stibite, native antimonious oxide
- Stilbite (Antimony-Ochre), Sb. hyd.
oxide, B.M. 26
- Stibnite, Antimonite, Antimony
Glance, or Gray Antimony, Sb.
native sulphide. B.M. 9
- Stilbite, Desmine, Hypostilbite of
Beudant, or Mesotype, Al. Ca.
& Na. hyd. sil. B.M. 46.
- Stilpnomelane, Al. & Fe. hyd. sil.
B.M. 50
- Stilpnosiderite (Göthite), Fe. hyd.
oxide. B.M. 18
- Stinkstone (Limestone), Ca. carb.
- Stolpenite (Bole), Al. &c. hyd. sil.
- Stolzite, or Scheeletine, Pb. tung-
state, or wolframiate. B.M. 53
- Strakonitzite, Fe. Al. &c. hyd. sil.
- Stratopseite (Rhodonite), Mn. Fe. &
Mg. hyd. sil. B.M. 38
- Stream Tin, or Pebble Tin Ore
(Cassiterite), Sn. oxide. B.M. 20
- Striegesane (Wavellite), Al. &c.
hyd. phosphate. B.M. 58
- Striped Jasper (Jasper), Si. oxide
- Stroganowite (Scapolite), Al. Ca.
&c. sil.
- Stromeyerite, or Stromeyerine, Ag.
& Cu. sulphide. B.M. 7
- Stromnite (Strontianite), Sr. carb.
B.M. 28
- Stromnite (Diallogite), Mn. & Ca.
carb.
- Strontianite, Sr. carb. B.M. 28
- Strontianocalcite (Calcite), Ca. carb.
with Sr.
- Struvite, or Guanite, Mg. ammonia
&c. hyd. phosphate. B.M. 58
- Stübelite, Mn. Fe. Cu. &c. hyd. sil.
- Studerite, Cu. Sb. As. Zn. &c.
sulphide
- Stygmite (Carnelian), Si. oxide.
- Stylotype, Sb. Cu. Ag. Fe. &c.
sulphide
- Stypticite, fibrous, (Copiapite), Fe.
hyd. sulphate.
- Succinite (Topazolite-Garnet), Al.
&c. sil.
- Sulphato-carbonate of Barytes,
(Witherite), Ba. sulphato-carbo-
nate. B.M. 28
- Sulphur native, S. B.M. 1.
- Sulphurous, or Hepatic Water
(Mineral Water), H. oxide with
Na. S. Ca. Mg. K. &c. sulphates
& carbonates.
- Sumpferz, Fe. &c. hyd. phosphate
- Sundvigite, Sundokite, or Sundvil-
kite (Anorthite), Al. & Ca. sil.
- Sunstone, or Avanturine Felspar
(Orthoclase), Al. Na. K. &c. sil.
B.M. 44
- Surface Water (Water) H. oxide,
with Ca. sulphate, Na. chloride,
Mg. sulphate, &c., &c.
- Surturbrand (Lignite), C. oxy-
hydride
- Suzannite, or Susannite. Pb. carb.
and sulphate. B.M. 56
- Svanbergite, Al. Na. Ca. &c. sul-
phato-phosphate. B.M. 60

- Swamp Ore (Bog-iron-ore), Fe. hyd. oxide
 Syepoorite, Co. sulphide.
 Syhedrite, Al. Ca. Fe. &c. hyd. sil.
 Sylvanite, Aurotellurite, White or Graphic Tellurium, Ag. & Au. telluride. B.M. 9
 Sylvine, K. chloride. B.M. 13.
 Symplectite, Fe. hyd. arsenate, 53
 Szaibelyte, Mg. hyd. borate ?
 Szaskaite (Calamine), Zn. carb. 34
 Tabasheer, Si. hyd. oxide, &c.
 Tabergite (Pyrosclerite), Mg. Al. Fe. &c. hyd. sil. B.M. 49 (*var. Clinocllore*)
 Tabular Quartz (Quartz), Si. oxide
 Tachyaphaltite, Zr. Th. Fe. &c. hyd. sil. ? B.M. 52.
 Tachydrile, Mg. & Ca. hyd. chloride B.M. 14
 Tachylite, or Sideromelane, Fe. Al. Ca. Mg. Na. &c. hyd. sil. B.M. 50
 Tagilite, Cu. hyd. phosphate & oxide ? B.M. 57
 Talc, Mg. &c. hyd. sil. B.M. 39
 Talc-Apatite, (Apatite), Ca. Mg. &c. phosphate. B.M. 59
 Talc Lithomarge, Al. & Mn. hyd. silicate
 Talcite, Al. K. Fe. Ca. Mg. & Na. hyd. sil. ? *syn. Margarite*.
 Talcose Slate (Talc), Mg. &c. hyd. silicate
 Talkoid (Talc), Mg. &c. hyd. sil. ?
 Tallingite (Atacamite ?), Cu. hyd. oxy-chloride. B.M. 15
 Taltalite, Cu. Al. Fe. &c. sil.
 Tammela-tantalite (Tantalite), Fe. tantalate
 Tankite (Andalusite), Al. & Fe. sil. B.M. 41
 Tannenite, or Cupreous Bismuth, Bi. Cu. & Fe. sulphide. B.M. 12
 Tantalite, Fe. Sn. & Mn. tantalate. B.M. 51
 Tapiolite, Cu. hyd. sulphate
 Targionite (Galena), Pb. sulphide
 Tarnowitzite (Arragonite), Ca. & Pb. carbonate. B.M. 27
 Tasmanite, or Resiniferous Shale, C. oxy-hydride
 Tauriscite, Fe. hyd. sulphate
 Tautolite (Chrysolite), Mg. &c. sil. B.M. 36. (*var. Olivine*)
 Tectizite, Fe. hyd. sulphate ?
 Tekoretin (Scheererite), C. hydrated
 Telluric Iron (Native Iron, not meteoric), Fe. telluride
 Tellurite, or Telluric Ochre, Te. oxide
 Tellur-uran-bismuth (Tetradymite), Bi. telluride. B.M. 9
 Tellurium-gold (Gold), Au. with Te. sulphide
 Tellurium native, Te. B.M. 3
 Tennantite, or Copper Blende, Cu. & Fe. sulpho-arsenide. B.M. 11
 Tenorite (Melaconite), Cu. protoxide. B.M. 15.
 Tephroite, Mn. & Fe. sil. B.M. 36
 Teratolite (Lithomarge ?), Al. Fe. Ca. &c. hyd. sil. B.M. 46
 Terenite (Scapolite ?), Al. &c. sil.
 Terra di Sienna, Fe. hyd. sil.
 Tesselite (Apophyllite), Ca. K. &c. hyd. sil. B.M. 39
 Tesseral Pyrites, Co. Ni. Fe. &c.
 Tetartine (Albite), Al. K. &c. sil. B.M. 45
 Tetradymite, Bornite, or Telluric Bismuth, Bi. sulpho-telluride. 9
 Tetrahedrat Blende (Blende), Zn. sulphide
 Tetrahedrite, Grey Copper ore, Fahlerz, or Fahlore, Cu. antimony-sulphide with Zn. Fe. Ag. &c. B.M. 11
 Tetraphylline (Triphyline), Fe. Mn. Li. &c. phosphate. B.M. 57. (*syn.*)
 Texalite, Mg. & Mn. hyd. oxide
 Texasite, Ni. hyd. sil. B.M. 34 ? (*var. Emerald Nickel*)
 Thalite (Saponite ?), Mg. hyd. sil. B.M. 50. (*syn.*)
 Thallite (Epidote ?), Al. hyd. sil. B.M. 43.
 Tharandite (Pearl Spar), Ca. Mg. & Fe. carb. B.M. 32
 Thenardite, Na. &c. sulphate. 54
 Thermonatrite, Na. hyd. carb. sulphate and chloride ?

- Thermophyllite (Serpentine), Mg. Al. Na. &c. hyd. sil. B.M. 40
 Thierschite, Ca. oxalate
 Thiorsaurite (Anorthite), Al. Ca. &c. sil. B.M. 44
 Thomaite, Prismatic, Fe. carb.
 Thomsonite, Al. Ca. & Na. hyd. sil. B.M. 47
 Thorite, Th. Fe. Mn. U. Ca. &c. hyd. sil. B.M. 40
 Thraulite (Hisingerite), Fe. hyd. sil. B.M. 50. (*syn. Polyhydrite*)
 Thrombolite, Cu. hyd. phosphate, B.M. 57
 Thulite (Epidote), Al. Ca. &c. sil. B.M. 43
 Thuringite, or Owenite, Fe. Al. &c. hyd. sil. B.M. 50
 Tile Ore (Cuprite), Cu. oxide. 15
 Tilkerodite, or Raphanosmite (Claus-thalite), Pb. Co. & Fe. selenide. B.M. 8
 Tinder Ore, Pb. & Sb. arsenio-sulphide
 Tin, native, Sn. ? Sn. oxide
 Tin-sand (Stream-tin), Sn. oxide
 Tinkal (Borax) Na. hyd. borate
 Titaniferous Cerite (Cerite) Ce. hyd. silicate
 Titaniferous Iron of Aschoffenburg (Ilmenite), Fe. titanate
 Titantiferous Iron Sand (Iserine), Fe. titanate
 Titano-oxidé chromifère (Rutile), Ti. & Cr. oxide ?
 Toad's-eye-tin (Wood-tin), Sn. oxide. B.M. 20
 Tolfa Diamonds (Quartz) Si. oxide
 Tombazite (Gersdorffite) Ni. sulpho-arsenide. B.M. 10
 Tomosite, Mn. sil.
 Topaz, Al. sil. with Al. silico-fluoride. B.M. 41
 Topazgrenue (Topaz) Al. sil. &c.
 Topazolite (Garnet), Ca. Fe. Be. Al. & Mn. sil. B.M. 42
 Torbanite (Cannel Coal), C. Al. &c. oxy-hydrate with silica
 Tourmaline, Al. Mg. Li. &c. &c. sil. B.M. 50.
 Tourmaline of Ceylon (Chrysolite), Mg. &c. sil.
 Traversellite (Hedenbergite), Mg. &c. sil. B.M. 37
 Travertine (Tufa), Ca. carb. 31
 Tremenheerite (Graphite), C. with Fe. oxide &c.
 Tremolite, or Byssolite (Hornblende) Mg. Ca. &c. sil. B.M. 37.
 Trichalcite, Cu. hyd. arsenate, 57
 Trinacrite ? hyd. sil.
 Tripestone (Anhydrite), Ca. sulphate. B.M. 54
 Triphylline, Perowskine, or Tetraphylline, Fe. Mn. Li. &c. phosphate. B.M. 57
 Triplite, or Pitchy Iron ore, Mn. Fe. & Ca. phosphate. B.M. 57
 Tripoli (Opal), Si. hyd. oxide, with Clay, &c. B.M. 26
 Tritomite, Ce. Ta. Zr. La. &c. hyd. sil. B.M. 40
 Trona, Na. hyd. carb. B.M. 34
 Troostite (Willemite), Zn. Fe. &c. hyd. sil. B.M. 36
 Tscheffkinitite, or Tchewkinitite, Ce. Ti. Fe. Al. Ca. & Mg. hyd. sil. B.M. 52
 Tschermigite (Ammonia-alum), Ammonia, Al. &c. hyd. sulphate. B.M. 56
 Tuesite (Kaolin), Al. Ca. & Mg. hyd. sil.
 Tufa (Calcite), Ca. carb. B.M. 31
 Tufa-stone, or Trass, Al. &c. hyd. silicate
 Turf (Lignite), C. oxy-hydride
 Turgite (Hematite), Fe. oxide.
 Turnerite, Al. Ca. Mg. & Fe. oxide ? B.M. 16
 Turquoise, or Calaitite, Al. Ca. Cu. (?) Fe. & Mn. hyd. phosphate. B.M. 50 (*syn. Calaitite*)
 Tyrite, or Bragite (?) Y. Ce. Al. U. & Fe. tantalate, or niobate. B.M. 52. ? Fergusonite.
 Tyrolite, Cu. & Ca. hyd. arsenate. B.M. 57.
 Ugite, Al. Ca. & Na. hyd. sil.
 Ulexite, (Hayesine), Ca. hyd. borate
 Ullmannite, Sb. & Ni. sulpho-arsenide. B.M. 10

- Umber (Limonite), Fe. Al. & Mn. oxide. B.M. 19
 Uniaxial Mica (Mica), Al. Mg. &c. hyd sil.
 Unionite (Epidote), Al. Ca. }
 &c. sil. }
 Unionite (Oligoclase) Al. &c. } ?
 sil. B.M. 44
 Uralite (Hornblende), Mg. Ca. Al. &c. sil. B.M. 38
 Uralorthite (Orthite), Al. Fe. Ce. Ca. La. Mn. & Mg. hyd. sil. B.M. 43
 Urangreen (Uranium basic sulphate), U. Ca. Cu. &c. hyd. sulphate ?
 Uranite, or Chalcilite, U. & Ca. hyd. phosphate, B.M. 59
 Uranium, basic sulphate of, U. hyd. sulphate.
 Urankalk-carbonat of Vogl., U. Ca. & Cu. hyd. sulphate.
 Uranocalcite, or Urangreen (?) U. Ca. Cu. &c. hyd. sulphate. B.M. 34
 Uranochre, U. hyd. sulphate. 56
 Uranophane, U. hyd. sil. B.M. 46
 Uranoniobite (Pitchblende), U. prot-oxide.
 Uranpecherz (Pittinerz ?), U. prot-oxide.
 Urao (Trona ?), Na. hyd. carb. B.M. 34 (*syn.*)
 Urdite, Ce. La. Th. &c. phosphate. ? Monazite.
 Uwarowite (Garnet), Ca. Cr. Al. Fe. & Mg. hyd. sil. B.M. 42
 Valencianite (Adularia), Al. & K. sil. B.M. 45
 Valentinite, or White Antimony, Sb. teroxide, B.M. 26
 Vanadin-Bronzite (Diallage), Mg. &c. sil. B.M. 37
 Vanadinite, or Johnstoneite, Pb. vanadate. B.M. 53
 Vanadinite, cupreous, Pb. & Cu. vanadate.
 Variegated Agate (Agate), Si. oxide
 Variegated Clay (Clay), Al. &c. sil.
 Variegated Vitreous Copper (Copper Glance), Cu. sulphide
 Variolite (Orthoclase), Al. Fe. Mg. Ca. Na. & K. hyd. sil. B.M. 45
 Variscite, Al. Mg. Fe. & Cr. hyd. phosphate, B.M. 58. (? var. Fischerite.)
 Varvacite (Pyrolusite), Mn. hyd. oxide. B.M. 21
 Vauquelinite, Pb. & Cu. chromate. B.M. 53
 Venus' or Cupid's Pencils (Ame-thyst), Si. oxide. ?
 Venus' hair-stone (Rock-crystal), Si. oxide
 Verde Antique (Serpentine), Mg. &c. hyd. sil. (Serpentine & Lime-stone).
 Verde di Corsica duro (Carinthine), Mg. Ca. &c. sil. B.M. 38
 Verde di Prato (Serpentine) Mg. &c. hyd. sil.
 Verde di Susa (Serpentine), Mg. &c. hyd. sil.
 Vermiculite (Pennine), Mg. Al. & Fe. hyd. sil. B.M. 49 (? var. Pyrosclerite)
 Verrucite of *Apjohn*, Ca. &c. sil. (? Mesolite or Scoulerite.)
 Vesuvian (Idocrase), Ca. Al. Fe. Mg. &c. hyd. sil. B.M. 42 (*syn.* Idocrase.)
 Vignite, Fe. carbonate & phosphate
 Villarsite, Mg. Fe. & Mn. hyd. sil. B.M. 40 (? hydrated Olivine)
 Violane, Al. & Fe. sil. B.M. 37
 Vitriolite, (Copperas), Cu. & Fe. hyd. sulphate
 Vivianite, Iron Phosphate, or Blue Iron, Fe. hyd. phosphate. 58
 Voglite, U. Ca. & Cu. hyd. carb. B.M. 34
 Voiglite (Ripidolite), Fe. Al. & Mg. sil. ? B.M. 49
 Volcanic Ash & Volcanic Sand, Al. &c. sil.
 Volborthite, Cu. Ca. &c. hyd. vanadate. B.M. 53
 Volcanite (Sulphur), S. &c. B.M. 4 (? Selsulphur)
 Volgerite, Sb. hyd. oxide
 Völknerite, Mg. hyd. aluminate. 16
 Voltaite, Fe. hyd. sulphate. 56
 Voltzite, or Voltzine, Zn. oxy-sulphide. B.M. 15

- Voraulite (Lazulite), Al. Mg. Fe. & Ca. hyd. phosphate. B.M. 58
 Vorhauserite (Serpentine), Mg. hyd. sil. with Mn. & Fe. B.M. 40
 Vosgite (Labradorite), Al. Ca. Na. K. &c. hyd. sil. B.M. 44
 Vulpenite (Anhydrite), Ca. sulphate with 8 per cent of silica. B.M. 54
 Wad, Mn. &c. hyd. oxide. B.M. 19
 Wærthite (Kyanite), Al. sil. ?
 Wagite, Zn. & Ca. hyd. sil.
 Wagnerite, Mg. Fe. & Ca. phosphate with F. ? B.M. 69
 Walchowite (Resin), C. oxy-hydride. B.M. 60 B
 Wall-Nitre, Na. carb. & sulphate
 Warm Alkaline Glauber Salt Water (Mineral Water) H. oxide with Na. sulphate &c. in solution
 Waringtonite, Cu. hyd. sulphate. B.M. 56
 Warwickite, or Enceladite. Fe. & Mg. boro - titanate. B.M. 56 (*syn. Enceladite*)
 Washingtonite (Ilmenite), Fe. titanate. B. M. 18. (? *var. Hystatite*)
 Wasserglimmer (Mica), Al. &c. hyd. sil. with K.
 Wasserkies (Marcasite), Fe. sulphide
 Water, or Natural Water, H. peroxide, chiefly associated with Ca. Na. & Mg. sulphates &c.
 Water-Opal (Semi-opal), Si. hyd. oxide
 Wavellite, or Devonite, Al. &c. hyd. phosphate. B.M. 58
 Wax-Opal (Common-Opal). Si. hyd. oxide. B.M. 26.
 Websterite, Aluminite, or Alley-stone, Al. hyd. sulphate. B.M. 56
 Wehrlite (Lievrite), Fe. Ca. &c. hyd. (?) sil. B.M. 43
 Weissgültigerz (Tetrahedrite), Cu. &c. sulphide. B.M. 12
 Weissigite (Orthoclase), Al. K. &c. sil. B.M. 45
 Weissite (Iolite), Al. &c. sil. B.M. 43. (*var. Dichroite*)
 Well, or Spring Water (Water), H. oxide with salts of Ca. Mg. &c.
 Wheel-Ore (Bournonite), Pb. & Cu. antimony-sulphide. B.M. 11
 Whewellite, Ca. hyd. oxalate
 White Augite (Pyroxene), Mg. &c. sil.
 White Blende (Blende), Zn. sulphide
 White Coccoilite (Diopside), Mg. &c. sil. B.M. 36
 White Grossular (Garnet), Al. &c. sil.
 White Malacolite (Diopside), Mg. &c. sil.
 White Tellurium (Sylvanite), Au. Ag. Pb. & Sb. telluride
 Whitneyite, Cu. arsenide. B.M. 4
 Wichtyne, or Wichtisite (Glaucophane), Al. Fe. Na. & Mg. sil. B.M. 50
 Willemite Zn. sil. B.M. 36
 Williamsite (Serpentine), Mg. &c. hyd. sil. B.M. 40
 Wilsonite (Anorthite ?), Al. K. Ca. & Na. hyd. sil.
 Wiluite (Idocrase), Ca. & Al. sil. B.M. 42
 Wiserine, Y. phosphate
 Wiserite (Diallogite), Mn. & Ca. carb.
 Withamite (Epidote), Al. Mn. &c. sil. B.M. 43
 Witherite, Ba. carbonate. B.M. 28
 Wittichite, Wittichenite, or Cupreous Bismuth, Bi. & Cu. sulphide. B.M. 12
 Wittingite (Rhodonite), Mn. sil. ?
 Wodankies ? (Gersdorffite), Ni. sulpho-arsenide
 Wöhlerite, Ca. Zr. Na. Fe. & Mn. hyd. silico-tantalate. B.M. 52
 Wölschite, Pb. Cu. b. & Fe. arsenio-sulphide. B.M. 11
 Wolchonskoite Cr. Fe. &c. hyd. sil. B.M. 46
 Wolfram, Fe. Mn. &c. tungstate, or wolframate. B.M. 53
 Wolframine, Tungstic acid & ochre, or Wolfram Ochre, W. oxide. B.M. 26
 Wolfsbergite, Sb. Cu. Fe. & Pb. sulphide. B.M. 12
 Wollastonite, Grammite, or Tabular Spar, Ca. & Mg. hyd. sil. 38

- Wolnyn (Barytes), Ba. sulphate. B.M. 54, 55
 Wood-arsenate of Copper (Olivinite), Cu. hyd. phospho-arsenate
 Wood Iron-ore (Limonite), Fe. hyd. oxide. B.M. 19
 Wood-Opal (Semi-opal), Si. hyd. oxide. B.M. 26
 Wood-Tin (Cassiterite), Sn. oxide. B.M. 20
 Woody-Lignite (Lignite), C. oxy-hydride
 Wörthite (Sillimanite), Al. &c. hyd. sil. B.M. 41
 Wulfenite, or Carinthite, Pb. molybdate. B.M. 52
 Wurtzite, or Spiautrite, Zn. Pb. & Fe. sulphide. B.M. 7
 Xanthitane, Ti. hyd. oxide, B.M. 21 (? altered Rutile)
 Xanthite (Idocrase), Ca. & Al. sil. B.M. 42
 Xanthocone, Ag. arsenio-sulphide. B.M. 12
 Xanthophyllite (Disterrite ?) Al. Mg. &c. hyd. sil. B.M. 49
 Xanthorthite (Orthite), Ce. Ca. Fe. &c. hyd. sil. ?
 Xanthosiderite (Limonite), Fe. &c. hyd. oxide. B.M. 19
 Xenolite (Sillimanite), Al. sil. B.M. 41
 Xenotime, Y. phosphate. B.M. 57
 Xylite, (Xylotile ?), Fe. hyd. sil. ?
 Xylochlore, Ca. hyd. sil. ?
 Xyloretin (Resin), C. hydrated
 Xylotile, Fe. hyd. sil. (? altered Chrysotile)
 Yellow Clay-iron-stone, (Limonite), Fe. hyd. oxide.
 Yellow Iron ore, (Limonite), Fe. hyd. oxide.
 Yellow Ochre (Ferruginous Clay), Al. &c. hyd. sil.
 Yellow Ochre (Limonite), Fe. hyd. oxide.
 Yellow Opal (Semi-opal), Si. hyd. oxide.
 Ytterite, or Ytter-carbonate, Y. carb. B.M. 34
 Yttria Garnet (Garnet), Al. Y. &c. sil. B.M. 42.
 Yttria, silicate of, Y. sil. ?
 Yttrocerite, Ca. Ce. & Y. hyd. fluoride ? B.M. 14
 Yttroilmenite, U. Fe. & Y. niobate & tungstate. B.M. 52
 Yttrotantalite, Y. Fe. &c. hyd. tantalate. B.M. 52
 Zamtite, Ni. hyd. carb.
 Zavalite, Ni. hyd. carb. ?
 Zeilanite or Candite (Pleonaste), Al. Mg. & Fe. oxide ? *synonyme*.
 Zeolite, a term used for Minerals that form a jelly with acids; viz. Laumontite, Natrolite, Scolecite, Heulandite, Stilbite, Mesolite, Apophyllite, Ichthyophthalmite, Oxhaverite, Tesselite, & Mesotype.
 Zeugite, Ce. Mg. &c. phosphate. ?
 Zeuxite (Tourmaline), Al. Fe. &c. silicate
 Ziegelerz, Cu. & Fe. chloride (?) (? Tile ore)
 Zinc, cupreous silicate of, (Smithsonite), Zn. hyd. siliceous oxide coloured with Cu.
 Zinc, iodide and bromide of
 Zinc Iron-spar (Kapnite) Zn. carb.
 Zinc native, Zn.
 Zinc Lead Spar, Pb. & Zn. carb.
 Zinco-silicate Zn. & Al. hyd. sil. ?
 Zincite, Spartalite, or Red oxide of Zinc, Zn. & Mn. oxide. B.M. 15 (*syn. Spartalite*)
 Zinconine, or Zinc Bloom, Zn. hyd. oxide & carbonate. B.M. 34
 Zinkenite, Pb. & Cu. antimony-sulphide. B.M. 12
 Zinnwaldite (Lepidolite-Mica), Al. K. &c. hyd. sil. B.M. 44
 Zippeite (Uran-ochre), U. Cu. &c. hyd. sulphate. B.M. 56
 Zircon, or Zirconite, Zr. & Fe. sil. B.M. 20
 Zoisite, Al. Ca. Fe. & Mg. sil. 43
 Zorgite, Pb. & Cu. selenide ? 8
 Zwieselite, or Iron Apatite, Fe. & Mn. phosphate with F. B.M. 60
 Zygadite (Albite), Al. & Li. sil. 45

ERRATA.

The Student is requested to correct the following Errata, before using the Index.

Page	1.	Acanthoide,	should be	Acanthoide.
"	2.	Allochroite, Al. Fe. &c.	"	Ca. Al. Fe. &c.
"	3.	Argentite (Ag.)	"	Argentite.
"	4.	Biharite, Mg. hyd. sil.	"	Mg. Al. Ca. & K. hyd. sil.
"	5.	Bitumen Bitter-Spar &c. Ca. & Mg. carb.	"	Ca. & Mg. carb. with Bitumen.
—	—	Boro-natrocalcite, Ca. hyd. borate	"	Ca. Na. &c. hyd. borate.
—	—	Botallackite, Cu. oxy-chloride	"	Cu. hyd. oxy-chloride.
"	6.	Brushite, Ca. phosphate	"	Ca. hyd. phosphate.
"	7.	Carrallite, Mg. & K. chloride	"	Mg. & K. hyd. chloride.
—	—	Carphosiderite, Mg. & Al. hyd. sil.	"	Mg. Al. Fe. &c. hyd. sil.
"	8.	Chlorite, Mg. & Al. hyd. sil.	"	Mg. Al. Fe. &c. hyd. sil.
—	—	Chlorophoeite,	"	Chlorophæite.
"	10.	Coquimbite, Fe. hyd. sulphate	"	Fe. & Ca. hyd. sulphate.
—	—	Corandellite,	"	Corundellite.
—	—	Corundophyllite, Fe. hyd. sil.	"	Fe. Mg. & Al. hyd. sil.
—	—	Cuivre	"	Cuivre.
"	11.	Devilline, Ca. hyd. sil.	"	Cu. & Ca. hyd. sulphate.
—	—	Disterite,	"	Disterrite, B. M. 49 (Brandisite).
—	—	Dopplerrite,	"	Dopplérite.
"	12.	Ellargite,	"	Ellagite.
"	13.	Eucarite,	"	Eucairite.
—	—	Eusomite, C. hydrated,	"	C. oxy-hydride.
—	—	Euphillite,	"	Euphyllite.
—	—	Eupychroite,	"	Eupyrchroite.
—	—	Eusynchite, Pb. vanadate,	"	Pb. & Zn. vanadate.
—	—	Euxenite Y. &c.	"	Y. Eb. Tb. & Th. titanio-niobate.
—	—	Farcelite,	"	Faröelite.
—	—	Felsobanyite,	"	Felsöbanyite.
—	—	Felspar, Al. sil.	"	Al. K. Na. & Ca. sil. ?
"	14.	Fettbol,	"	Fettbol.
—	—	Fibrons,	"	Fibrous.
—	—	Fluocerine, Ce. basic, &c.	"	Ce. basic. &c.
—	—	Fontainebleau,	"	Fontainebleau.
—	—	Fournelite,	"	Fournite.
—	—	Froncolite,	"	Francolite.
"	15.	Glanbapatite,	"	Glaubapatite.
"	16.	Guyaguillite,	"	Guyaquillite.
—	—	Hair Nickel	"	Hair Nickel, syn. Millerite.
—	—	Haidingerite,	"	Haidingerite.
"	17.	Häüyne, Al. & Na. sil.	"	Al. Ca. & Na. sil.
—	—	Hæmatite,	"	Hæmatite.
—	—	Hjelmite Fe. & Y. tantalate,	"	Fe. Sn. Y. & U. tantalate.
"	18.	Hydrophane, Si. hyd. oxide	"	Si. & Mg. hyd. oxide.
"	19.	Iridescent	"	Iridescent
—	—	Jasper, Si. oxide	"	Al. Fe. Mg. & K. hyd. sil. ?
"	20.	Köemmerite,	"	Kæmmerreite.
—	—	Kakachlor,	"	Kakochlor.
—	—	Kalkvolbörthite (Völborthite),	"	Kalkvolborthite (Volborthite).
—	—	Keilhanite,	"	Keilhanite.
—	—	Kerolite, Mg. hyd. sil.	"	Mg. & Ni. hyd. sil.
—	—	Kieselghur,	"	Kieselguhr.
—	—	Konarite, Ni. hyd. phosphate,	"	Ni. &c. hyd. sil. ?
—	—	Krantzite,	"	Krantzite or Krantzine.
"	21.	Kupferschwärze,	"	Kupferschwärze.
—	—	Lead Oxychloride,	"	Pb. & Fe. chloro-iodide.
"	23.	Manganopal Opal,	"	Manganopal (Opal)
"	24.	Meionite, Al. & Ca. sil.	"	Al. Ca. Na. &c. sil.
—	—	Menacannite (Ternite)	"	Menacannite (Ilmerite)
"	25.	Moffrasite, (Bleimeirite)	"	Moffrasite (Bleimeirite)
"	26.	Native Nickeliferous Iron,	"	Native Nickeliferous Iron.
—	—	Nickel-Linnæite (Linnæite),	"	Nickel-Linnæite (Linnæite).
"	28.	Paterlute (Molybdenite),	"	Paterlute (Molybdenite).
—	—	Pelokonite (Cupreous &c.),	"	Cupreous &c.
—	—	Petrosilex,	"	Petrosilex.
"	28.	Plumbroresinite, or Plombgomme,	"	Plumbroresinite, or Plombgomme.
—	—	Polysphærite,	"	Polysphærite.
"	31.	Protobasite ?	"	Protobasite.
—	—	Rahite (underscribed)	"	Rahite (underscribed).
—	—	Ranchkalk	"	Rauchkalk.
—	—	Rhodochrome,	"	Rhodochrome.
"	33.	Sandastros (Aventurine Quartz)	"	Sandastros (Aventurine Quartz)

S U P P L E M E N T .

- Alabastro Agato (Alabaster) Ca. carb. &c.
 Allochite (Epidote) Al. &c. sil.
 Antizon Bleiglanz, Galena containing Antozon
 Antozonite, Ca. fluoride
 Aquamarine Topaz (Topaz), Al. sil. &c.
 Arsenikfalerz (Tetrahedrite), Cu. As. &c. sulphide
 Asbeferrite, or Ferruginous Asbestos (Asbestos), Mg. Ca. &c. sil. with Fe. oxide
 Asphalt Glance (Asphalt), C.H.O.
 Auriferous Amethyst (*Museum of Practical Geology*)
 Basalt-Jasper (Jasper), Si. &c. hyd. oxide ?
 Bathvillite C. oxy-hydride
 Bergblau, Cu. earthy carb.
 Beustite (Zoisite), Al. Ca. &c. sil.
 Black Arsenic, As. oxide ?
 Bleisanderz, Galena in Sandstone
 Bourboulite, Fe. hyd. sulphate
 Bragite, ? identical with Tyrinite and Fergusonite
 Callais, Al. &c. hyd. phosphate, with F.
 Calcareous Calamine (Calamine), Zn. & Ca. carb. ?
 Capillary Pyrolusite (Pyrolusite) Mn. oxide.
 Cellular Quartz (Quartz), Si. oxide
 Chionit. (Cryolite), Al. & Na. fluoride ?
 Chloride & Sulphate of Soda ?
 Chloride & Sulphate of Soda & Potash ?
 Chloromelanite, Al. Na. Fe. Ca. &c. sil.
 Chlorophanerite (Delessite), Mg. & Al. hyd. sil.
 Christophite, Zn. Fe. Mn. & Cd. sulphide
 Chromeglimmer, Al. Mg. K. Fe. Cr. Mn. & Na. hyd. sil. ?
 Clay Coal, or Lettenkohle (Coal), C. oxy. hydride &c.
 Clayey Sphaerosiderite (Sphaerosiderite), Fe. hyd. carb. &c.
 Cobalt Scorodite ?
 Copper Zinc Spar (Calamine), Zn. & Cu. carb. ?
 Dioxylite, Pb. sulphato-carbonate
 Earthy Greenockite, or Cadmium-oxyd (Greenockite), Cd. sulphide
 Earthy Magnetic Iron, or Eisenmohr, (Magnetite), Fe. oxide
 Earthy Sulphide of Silver (Stephanite ?), Ag. sulphide
 Eckmannite, Fe. & Mn. hyd. sil.
 Elhuyarite, or Elhujarit (Carolathine), Al. & Fe. hyd. sil.
 Erdharz, C. oxy-hydride ?
 Fauserite, Mn. & Mg. hyd. sulphate
 Felstone, or Compact Felspar (Felspar), Al. sil. ?
 Ferberite, or Tantaliferous Wolfram (Wolfram), Fe. Mn. Ca. & Sn. tungstate & tantalate ?
 Ferruginous Chlorite (Chlorite), Mg. Al. & Fe. hyd. sil.
 Ferruginous Jasper (Jasper), Si. Fe. &c. hyd. oxide ?
 Fetid Quartz (Quartz), Si. oxide.
 Fibrous Alum ? (Alum), Al. &c. hyd. sulphate
 Fibrous Bismuth (Native Bismuth),

- Fibrous Brown Coal, or Bastkohle (Lignite), C. oxy-hydride
 Fibrous Calcite (Calcite), Ca. carb.
 Fibrous Coal, (Coal), C. oxy-hyd.
 Fibrous Sulphur (Native Sulphur),
 Fritschite (Uranite), U. & Ca. hyd. phosphate. ? decomposed Uranite
 Germarit, of *Breithaupt* ?
 Gibsonite, like Prehnite ? (*Bristow*)
 Globosite, Fe. & c. hyd. phosphate
 Globular Jasper (Jasper) Si. & c. oxide
 Grünmangan, or Green Silicate of Manganese, Mn. sil.
 Hair Stone (Rock Crystal) Si. oxide, with crystals of Rutile
 Hepatic Arsenical Cobalt (Erythrine ?), Cu. hyd. arsenate
 Hessenbergite (Adularia), Al. & c. sil.
 Honigstein, C. & Al. oxy-hydride ?
 Hornblende Slate, Al. Mg. & c. sil.
 Hydrocinit (Zincite), Zn. hyd. oxide.
 Hydrous Tephroite (Tephroite), Mn. & Fe. hyd. sil.
 Iodiferous Lead, or Jodblei, Pb. iodide.
 Ioguneit, of *Nordenskiöld*, Fe. arsenide
 Iris (Rock-Crystal), Si. oxide
 Joketan of *Breithaupt* (Clay ?) Al. hyd. sil.
 Jollylite, Al. Fe. & Mg. hyd. sil.
 Kainite, K. Mg. & c. hyd. sulphato chloride ?
 Kalicin, K. Ca. & Mg. hyd. carb.
 Keffekilit (Clay ?) Al. hyd. sil. (? var. Lithomarge)
 Keityoit (Spodumene), Al. Li. Na. & c. sil.
 Kevil (Calc-spar, Fluor & Barytes ?)
 Kimbleit ?
 Klapperstein (Clay Iron Stone ?), Fe. carb.
 Konilit (Quartz) Si oxide
 Korynit of *Zepharowich* ?
 Kryptomorphite, Ca. Na. & c. hyd. borate
 Kugeljaspis (Jasper), Si. oxide, & c.
 Kupfferite Mg. (?) Fe. Ca. Cr. & Ni. sil.
 Lait de lune (Calcite), Ca. (fibrous) carb.
 Lanthan-cerium-scapolite (Scapolite), Al. Ca. La. & Ce. hyd. sil.
 Lead and Copper vanadate
 Leptonemerz of *Breithaupt* (Pyrolusite), Mn. oxide
 Libethenite, Cu. hyd. phosphate
 Lithionite, Ca. sil.
 Magnesia Idocrase (Idocrase), Al. Ca. Mg. & c. sil.
 Magnetic Iron Sand (Magnetite), Fe. oxide, & c.
 Mamanite, Ca. Mg. & K. hyd. sulphate ?
 Mangan-Jasper (Jasper), Si. Mn. & c. oxide
 Manganwolframit (Wolfram), Fe. Mn. & c. tungstate, or wolframate
 Megabasit (Wolfram), Fe. & c. tungstate, or wolframate
 Melaxoite, Mg. Al. Fe. & Mn. hyd. sil.
 Melosark (Lithomarge ?), Al. hyd. sil. ? Mountain Milk
 Metabushite, Ca. & c. hyd. phosphate ?
 Meteorkies. The Pyrites of Meteoric Iron ?
 Miaskite, or Miascite ? pseudomorph Tremolite, with Ca. & Mg. carb.
 Molisite, Fe. titanate. ?
 Molybdänuran, U. molybdate
 Monimolite of *Igelström*, Pb. antimoniate
 Mornit (Hornblende), Mg. Ca. & c. sil.
 Needle-Coal (Coal), C. oxy-hydride
 Nickeliferous Calamine (Calamine), Zn. & Ni. carb.
 Nickelthoneisenzinksilicat, Fe. Ni. & Zn. sil.
 Olive Quartz (Quartz), Si. oxide
 Oolite (Calcite), Ca. carb.
 Oolitic Clay Iron, or Hirseneisenstein (Clay Iron Stone), Fe. carb.

- Palæonatrolite (Natrolite pseudo-
 morph), Al. Ca. &c. hyd. sil. ?
 Paraffine Coal (Coal), Brown Coal,
 containing Paraffine.
 Pastrerit, Fe. & Al. sulphate ?
 Periklasit (Phosphorite), Ca. & Fe.
 hyd. phosphate ?
 Phaestin (Anthophyllite pseudo-
 morph) ?
 Pierre des Incas (Marcasite), Fe.
 sulphide.
 Plombierite, Ca. hyd. sil. (*Daubrée*)
 Pozzuolana, Volcanic Ashes
 Pyromeride ?
 Radiated Blende (Blende), Zn.
 sulphide ?
 Rhombenglimmer (Biotite), Al. &
 Mg. hyd. sil.
 Richterit of *Breithaupt*. Fe. sil.
 Sealey Blende (Blende), Zn. sul-
 phide
 Schweruran, or Heavy Pitchblende
 (Pitchblende), U. &c. oxide ?
 Selenic sulphide of Mercury & Zinc.
 Zn. Hg. & Se. sulphide
 Selenkies, or Seleniferous Iron
 Pyrites (Pyrites), Fe. seleniferous
 sulphide
 Siderobol (Bole), Al. & Fe. hyd.
 sil. &c. ?
 Silbeloit (Pyroxene), Mg. &c. sil.
 Skotiolit, Fe. & Mg. hyd. sil. ?
 Snarumit (Anthophyllite), Mg. &c.
 sil.
 Soimonit (Batrachite), Mg. & Ca.
 sil.
 Sommail of *Breithaupt* (Leucite),
 Al. & K. sil.
 Steel-cobalt, Co. arsenide
 Tiger Ore, Ag. sulphide (?)
 Timazit, ? Meteoric Iron
 Torrelite, Ca. Fe. Ce. &c. hyd.
 Troilit, ? Meteoric Iron
 Vanadineisenerz, Fe. vanadate
 Vanadin-Molybdänblei, Pb. & Mo.
 vanadate
 Vanadio-phosphate of Copper, Cu.
 & V. phosphate
 Vasis, a Swedish mineral (?)
 Vestan (Felspar ?) Al. &c. sil.
 Vestan-cobalt (Felspar ?), Al. &c.
 sil.
 Walerian of *Breithaupt*, or Ferru-
 ginous Pyroxene (Pyroxene), Mg.
 Fe. &c. sil.
 Wolfram tantalifère (Wolfram), Fe.
 Mn. Ta. &c. tungstate, or wol-
 framiate
 Xonaltit, Ca. hyd. sil.
 Yttria Ochre, Y. oxide ?

*Corrections, &c. addressed to the Publishers, will be thankfully
 received.*

